

# Technical Brochure



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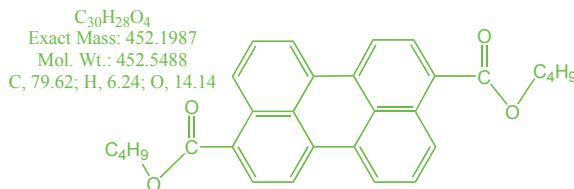
# DAYGLO DYES FOR PLASTICS

## APACHE YELLOW

### IDENTIFICATION INFORMATION

**Product Name:** Apache Yellow  
**Product Code:** D- 208  
**C.I. Name:** Solvent Green 5  
**C.I. Number:** 59075  
**HUE:** Yellow powder

### CHEMICAL STRUCTURE



### SOLUBILITY DATA (g / 100ml)

Toluene: 0.46  
 Ethyl Alcohol: < 0.01  
 Ethyl Acetate: 0.09  
 Acetone: 0.07  
 M.E.K.: 0.17  
 Perchloroethylene: 0.00

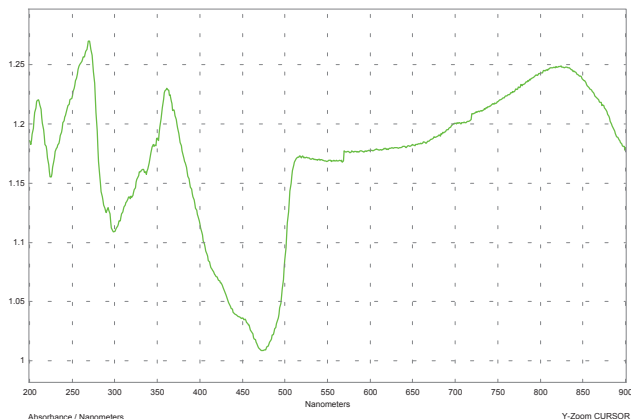
**Safety Data**    **000**    **ASSAY > 95 %**

### POLYMER

### FASTNESS PROPERTIES

		LIGHT	HEAT
ABS:	YES	5	5
ACRYLIC:	YES	7-8	5
CELLULOSIC:	YES	7-8	5
POLYAMIDE:	YES	4	5
POLYCARBONATE:	YES	7-8	5
POLYETHYLENE:	NO	0	0
POLYESTER:	YES	6	5
POLYSTYRENE:	YES	8	5
POLYPROPYLENE:	NO	0	0
POLYURETHANE:	YES	6	5
RIGID PVC:	YES	7-8	5

Specific Gravity: 1.20  
 Bulk density: Not Determined  
 Melt Point: 207 °C.  
 Molecular Wt: 342  
 Particle Size: Soluble Colorant  
 Hiding Power: Transparent  
 Oil Absorption: Not applicable



### DISCLAIMER

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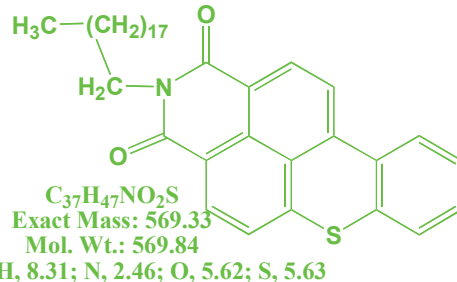
# DAYGLO DYES FOR PLASTICS

## POCONO YELLOW

### IDENTIFICATION INFORMATION

**Product Name:** Pocono Yellow  
**Product Code:** D- 098  
**C.I. Name:** Solvent Yellow 98  
**C.I. Number:** 56238  
**HUE:** FL Yellow

### CHEMICAL STRUCTURE



### SOLUBILITY DATA (g / 100ml)

Benzene: **16.00**  
 Toluene: **14.50**  
 Acetone: **0.80**  
 White Spirits: **1.40**  
 Mineral Oils: **0.50**  
 Dioctylphthalate: **2.40**

**Safety Data**    **000**    **ASSAY > 95 %**

### CHEMICAL INFORMATION

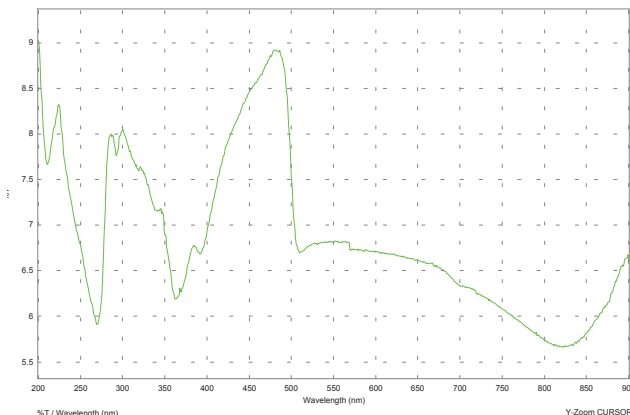
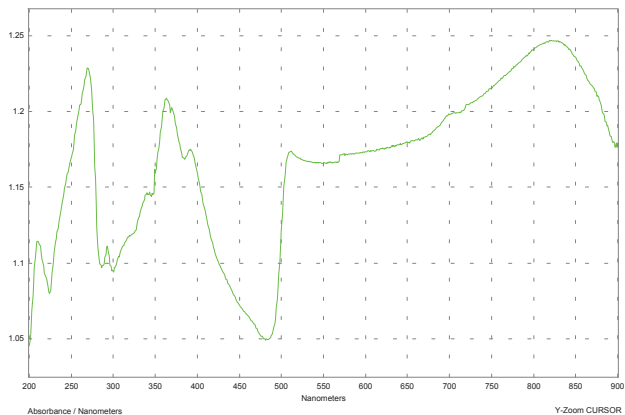
Chemical Type: **Thioxanthene**  
 Chemical Class: **Organic Dye**  
 CAS Registry #: **12671-74-8**  
 TSCA Listing: **Yes**  
 FDA Approved: **NO**  
 EINECS Listing: **Yes**

### POLYMER

### FASTNESS PROPERTIES

		LIGHT HEAT	
		LIGHT	HEAT
ABS:	YES	7	5
ACRYLIC:	YES	7	5
CELLULOSIC:	YES	7	5
POLYAMIDE:	NO	0	0
POLYCARBONATE:	YES	7	5
POLYETHYLENE:	NO	0	0
POLYESTER:	YES	7	5
POLYSTYRENE:	YES	7	5
POLYPROPYLENE:	NO	0	0
POLYURETHANE:	YES	6	5
RIGID PVC:	YES	7	5

Specific Gravity: **1.20**  
 Bulk density: **0.25**  
 Melt Point: **> 120° C.**  
 Molecular Wt: **Not determined**  
 Particle Size: **0 nm**  
 Hiding Power: **Transparent**  
 Oil Absorption: **Not applicable**



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# DAYGLO DYES FOR PLASTICS

## SAVANNAH YELLOW

IDENTIFICATION INFORMATION			CHEMICAL STRUCTURE		
<b>Product Name:</b>	<b>Savannah Yellow</b>		$C_{20}H_{19}N_3O_2$ Exact Mass: 333.15 Mol. Wt.: 333.38 C, 72.05; H, 5.74; N, 12.60; O, 9.60 		
<b>Product Code:</b>	<b>D- 820</b>				
<b>C.I. Name:</b>	<b>Disperse Yellow 82</b>				
<b>C.I. Number:</b>	<b>551200</b>				
<b>HUE:</b>	<b>FI Yellow</b>				
SOLUBILITY DATA (g / 100ml)			Safety <b>000</b> ASSAY <b>&gt; 95 %</b> Data		
Dimethylformamide:	<b>1.57</b>		<i>CHEMICAL INFORMATION</i> Chemical Type: <b>Coumarin</b> Chemical Class: <b>Organic Dye</b> CAS Registry #: <b>27425-55-4</b> TSCA Listing: <b>Yes</b> FDA Approved: <b>NO</b> EINECS Listing: <b>Yes</b> Specific Gravity: <b>1.20</b> Bulk density: <b>Not determined</b> Melt Point: <b>214° C.</b> Molecular Wt: <b>333.38</b> Particle Size: <b>0 nm</b> Hiding Power: <b>Transparent</b> Oil Absorption: <b>Not determined</b>		
Ethyl Alcohol:	<b>0.31</b>				
Ethyl Acetate:	<b>0.03</b>				
Acetone:	<b>0.49</b>				
M.E.K.:	<b>0.07</b>				
Perchloroethylene:	<b>0.05</b>				
POLYMER	FASTNESS PROPERTIES				
		LIGHT	HEAT		
ABS:	<b>YES</b>	<b>4</b>	<b>5</b>		
ACRYLIC:	<b>YES</b>	<b>4</b>	<b>5</b>		
CELLULOSIC:	<b>YES</b>	<b>5</b>	<b>5</b>		
POLYAMIDE:	<b>NO</b>	<b>0</b>	<b>0</b>		
POLYCARBONATE:	<b>YES</b>	<b>4</b>	<b>5</b>		
POLYETHYLENE:	<b>NO</b>	<b>0</b>	<b>0</b>		
POLYESTER:	<b>YES</b>	<b>4</b>	<b>5</b>		
POLYSTYRENE:	<b>YES</b>	<b>5</b>	<b>5</b>		
POLYPROPYLENE:	<b>NO</b>	<b>0</b>	<b>0</b>		
POLYURETHANE:	<b>NO</b>	<b>0</b>	<b>0</b>		
RIGID PVC:	<b>YES</b>	<b>5</b>	<b>5</b>		

### DISCLAIMER

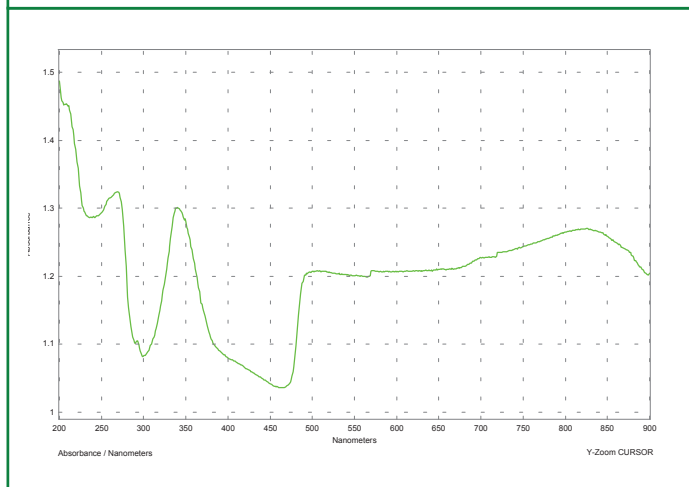
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# DAYGLO DYES FOR PLASTICS

## POTOMAC YELLOW



<b>IDENTIFICATION INFORMATION</b> <b>Product Name:</b> Potomac Yellow <b>Product Code:</b> <b>D- 838</b> <b>C.I. Name:</b> Solvent Yellow 160:1 <b>C.I. Number:</b> Not listed <b>HUE:</b> Red shade Yellow			<b>CHEMICAL STRUCTURE</b>  <p style="text-align: center;"><b>STRUCTURE NOT DISCLOSED</b></p>																																																					
<b>SOLUBILITY DATA (g / 100ml)</b> Acetone: <b>0.006</b> Ethyl Acetate: <b>0.006</b> Ethyl Alcohol: <b>&lt;0.001</b> M.E.K.: <b>0.01</b> MMA monomer: <b>0.01</b> Xylene: <b>0.02</b>			<b>Safety 000 ASSAY &gt; 95 % Data</b>																																																					
<table border="1"> <thead> <tr> <th rowspan="2">POLYMER</th> <th colspan="3">FASTNESS PROPERTIES</th> </tr> <tr> <th></th> <th>LIGHT</th> <th>HEAT</th> </tr> </thead> <tbody> <tr><td>ABS:</td><td>YES</td><td>4</td><td>5</td></tr> <tr><td>ACRYLIC:</td><td>YES</td><td>5-6</td><td>5</td></tr> <tr><td>CELLULOSIC:</td><td>YES</td><td>5-6</td><td>5</td></tr> <tr><td>POLYAMIDE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>POLYCARBONATE:</td><td>YES</td><td>4</td><td>5</td></tr> <tr><td>POLYETHYLENE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>POLYESTER:</td><td>YES</td><td>4</td><td>5</td></tr> <tr><td>POLYSTYRENE:</td><td>YES</td><td>6-7</td><td>5</td></tr> <tr><td>POLYPROPYLENE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>POLYURETHANE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>RIGID PVC:</td><td>YES</td><td>6-7</td><td>5</td></tr> </tbody> </table>			POLYMER	FASTNESS PROPERTIES				LIGHT	HEAT	ABS:	YES	4	5	ACRYLIC:	YES	5-6	5	CELLULOSIC:	YES	5-6	5	POLYAMIDE:	NO	0	0	POLYCARBONATE:	YES	4	5	POLYETHYLENE:	NO	0	0	POLYESTER:	YES	4	5	POLYSTYRENE:	YES	6-7	5	POLYPROPYLENE:	NO	0	0	POLYURETHANE:	NO	0	0	RIGID PVC:	YES	6-7	5	<b>CHEMICAL INFORMATION</b> Chemical Type: <b>Aminoketone</b> Chemical Class: <b>Organic Dye</b> CAS Registry #: <b>Proprietary</b> TSCA Listing: <b>Yes</b> FDA Approved: <b>NO</b> EINECS Listing: <b>Yes</b>		
POLYMER	FASTNESS PROPERTIES																																																							
		LIGHT	HEAT																																																					
ABS:	YES	4	5																																																					
ACRYLIC:	YES	5-6	5																																																					
CELLULOSIC:	YES	5-6	5																																																					
POLYAMIDE:	NO	0	0																																																					
POLYCARBONATE:	YES	4	5																																																					
POLYETHYLENE:	NO	0	0																																																					
POLYESTER:	YES	4	5																																																					
POLYSTYRENE:	YES	6-7	5																																																					
POLYPROPYLENE:	NO	0	0																																																					
POLYURETHANE:	NO	0	0																																																					
RIGID PVC:	YES	6-7	5																																																					
			Specific Gravity: <b>1.20</b> Bulk density: <b>23.1 ml/gram</b> Melt Point: <b>&gt; 325° C.</b> Molecular Wt: <b>Not determined</b> Sublimation: <b>315° C.</b> Hiding Power: <b>Transparent</b> Oil Absorption: <b>Not applicable</b>																																																					



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# DAYGLO DYES FOR PLASTICS

## LACKAWANA YELLOW

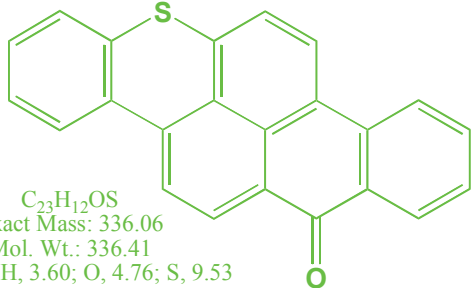
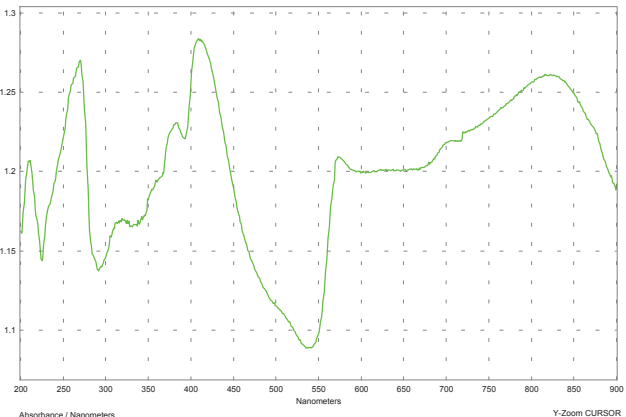
<b>IDENTIFICATION INFORMATION</b> <b>Product Name:</b> Lackawana Yellow <b>Product Code:</b> <b>D- 191</b> <b>C.I. Name:</b> Solvent Yellow 191 <b>C.I. Number:</b> Not disclosed <b>HUE:</b> Brill Greenish Yellow				<b>CHEMICAL STRUCTURE</b>  <b>STRUCTURE NOT DISCLOSED</b>	
<b>SOLUBILITY DATA (g / 100ml)</b>  Acetone: Insoluble Ethyl Alcohol: Insoluble Ethyl Acetate: Insoluble M.E.K.: Insoluble MMA monomer: Insoluble Water: Insoluble				<b>Safety 000 ASSAY &gt; 95 %</b> <b>Data</b>	
<b>POLYMER</b>				<b>CHEMICAL INFORMATION</b>	
<b>FASTNESS PROPERTIES</b> <b>LIGHT    HEAT</b>				Chemical Type: <b>Lactone</b> Chemical Class: <b>Organic Dye</b> CAS Registry #: <b>Proprietary</b> TSCA Listing: <b>Yes</b> FDA Approved: <b>NO</b> EINECS Listing: <b>No</b>	
ABS:	YES	5-6	5	Specific Gravity: <b>1.60</b> Bulk density: <b>0.42 gr/cc</b> Melt Point: <b>265° C.</b> Molecular Wt: <b>&gt; 400.00</b> Particle Size: <b>Not applicable</b> Hiding Power: <b>Transparent</b> Sublimation: <b>&gt;250° C</b> pH: <b>7.0</b>	
ACRYLIC:	YES	8	5		
CELLULOSIC:	YES	7	5		
POLYAMIDE:	YES	6	5		
POLYCARBONATE:	YES	6	5		
POLYETHYLENE:	NO	0	0		
POLYESTER:	YES	7	5		
POLYSTYRENE:	YES	7	5		
POLYPROPYLENE:	NO	0	0		
POLYURETHANE:	NO	0	0		
RIGID PVC:	YES	6-7	5		

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# DAYGLO DYES FOR PLASTICS

## Ozark Orange

<b>IDENTIFICATION INFORMATION</b> <b>Product Name:</b> Ozark Orange <b>Product Code:</b> D- 063 <b>C.I. Name:</b> Solvent Orange 63 <b>C.I. Number:</b> 68550 <b>HUE:</b> Orange			<b>CHEMICAL STRUCTURE</b>  $C_{23}H_{12}OS$ Exact Mass: 336.06 Mol. Wt.: 336.41 C, 82.12; H, 3.60; O, 4.76; S, 9.53																																																		
<b>SOLUBILITY DATA (g / 100ml)</b> Ethyl Alcohol: <b>Insoluble</b> Ethyl Acetate: <b>Insoluble</b> Acetone: <b>Insoluble</b> DMF.: <b>Soluble</b> Perchloroethylene: <b>Insoluble</b> Dioctylphthalate: <b>Insoluble</b>			<b>Safety 000 ASSAY &gt; 95 %</b> <b>Data</b>																																																		
<b>POLYMER</b>			<b>CHEMICAL INFORMATION</b>																																																		
<b>FASTNESS PROPERTIES</b> <table border="1"> <thead> <tr> <th></th> <th></th> <th>LIGHT</th> <th>HEAT</th> </tr> </thead> <tbody> <tr><td>ABS:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>ACRYLIC:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>CELLULOSIC:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>POLYAMIDE:</td><td>YES</td><td>6</td><td>5</td></tr> <tr><td>POLYCARBONATE:</td><td>YES</td><td>6</td><td>0</td></tr> <tr><td>POLYETHYLENE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>POLYESTER:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>POLYSTYRENE:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>POLYPROPYLENE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>POLYURETHANE:</td><td>YES</td><td>6</td><td>5</td></tr> <tr><td>RIGID PVC:</td><td>YES</td><td>7</td><td>5</td></tr> </tbody> </table>					LIGHT	HEAT	ABS:	YES	7	5	ACRYLIC:	YES	7	5	CELLULOSIC:	YES	7	5	POLYAMIDE:	YES	6	5	POLYCARBONATE:	YES	6	0	POLYETHYLENE:	NO	0	0	POLYESTER:	YES	7	5	POLYSTYRENE:	YES	7	5	POLYPROPYLENE:	NO	0	0	POLYURETHANE:	YES	6	5	RIGID PVC:	YES	7	5	Chemical Type: <b>Thioxanthene</b> Chemical Class: <b>Organic Dye</b> CAS Registry #: <b>16294-75-0</b> TSCA Listing: <b>Yes</b> FDA Approved: <b>NO</b> EINECS Listing: <b>240-385-4</b>		
		LIGHT	HEAT																																																		
ABS:	YES	7	5																																																		
ACRYLIC:	YES	7	5																																																		
CELLULOSIC:	YES	7	5																																																		
POLYAMIDE:	YES	6	5																																																		
POLYCARBONATE:	YES	6	0																																																		
POLYETHYLENE:	NO	0	0																																																		
POLYESTER:	YES	7	5																																																		
POLYSTYRENE:	YES	7	5																																																		
POLYPROPYLENE:	NO	0	0																																																		
POLYURETHANE:	YES	6	5																																																		
RIGID PVC:	YES	7	5																																																		
			Specific Gravity: <b>0.00</b> Bulk density: <b>0.00</b> Melt Point: <b>&gt;300 °C.</b> Molecular Wt: <b>336.</b> Particle Size: <b>Not applicable</b> Hiding Power: <b>Transparent</b> Oil Absorption: <b>Not applicable</b>																																																		

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# DAYGLO DYES FOR PLASTICS

## MARIGOLD ORANGE

<b>IDENTIFICATION INFORMATION</b> <b>Product Name:</b> Marigold Orange™ <b>Product Code:</b> D-315 <b>C.I. Name:</b> Solvent Orange 115 <b>C.I. Number:</b> Not Disclosed <b>HUE:</b> Red shade Orange			<b>CHEMICAL STRUCTURE</b>  <b>STRUCTURE NOT DISCLOSED</b>																																																				
<b>SOLUBILITY DATA (g / 100ml)</b> Dimethylformamide: <b>Soluble</b> Ethyl Alcohol: <b>Insoluble</b> Ethyl Acetate: <b>Insoluble</b> Acetone: <b>Insoluble</b> M.E.K.: <b>Insoluble</b> Perchloroethylene: <b>Insoluble</b>			<b>Safety Data</b> <b>000</b> <b>ASSAY &gt; 95 %</b>																																																				
<table border="1"> <thead> <tr> <th rowspan="2">POLYMER</th> <th colspan="3">FASTNESS PROPERTIES</th> </tr> <tr> <th></th> <th>LIGHT</th> <th>HEAT</th> </tr> </thead> <tbody> <tr><td>ABS:</td><td>YES</td><td>8</td><td>5</td></tr> <tr><td>ACRYLIC:</td><td>YES</td><td>8</td><td>5</td></tr> <tr><td>CELLULOSIC:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>POLYAMIDE:</td><td>YES</td><td>6</td><td>5</td></tr> <tr><td>POLYCARBONATE:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>POLYETHYLENE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>POLYESTER:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>POLYSTYRENE:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>POLYPROPYLENE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>POLYURETHANE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>RIGID PVC:</td><td>YES</td><td>7</td><td>5</td></tr> </tbody> </table>			POLYMER	FASTNESS PROPERTIES				LIGHT	HEAT	ABS:	YES	8	5	ACRYLIC:	YES	8	5	CELLULOSIC:	YES	7	5	POLYAMIDE:	YES	6	5	POLYCARBONATE:	YES	7	5	POLYETHYLENE:	NO	0	0	POLYESTER:	YES	7	5	POLYSTYRENE:	YES	7	5	POLYPROPYLENE:	NO	0	0	POLYURETHANE:	NO	0	0	RIGID PVC:	YES	7	5	<b>CHEMICAL INFORMATION</b> Chemical Type: <b>Benzimidazole</b> Chemical Class: <b>Organic Dye</b> CAS Registry #: <b>YES</b> TSCA Listing: <b>YES</b> FDA Approved: <b>NO</b> EINECS Listing: <b>Yes</b>	
POLYMER	FASTNESS PROPERTIES																																																						
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ABS:	YES	8	5																																																				
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CELLULOSIC:	YES	7	5																																																				
POLYAMIDE:	YES	6	5																																																				
POLYCARBONATE:	YES	7	5																																																				
POLYETHYLENE:	NO	0	0																																																				
POLYESTER:	YES	7	5																																																				
POLYSTYRENE:	YES	7	5																																																				
POLYPROPYLENE:	NO	0	0																																																				
POLYURETHANE:	NO	0	0																																																				
RIGID PVC:	YES	7	5																																																				
			Specific Gravity: <b>1.60</b> Bulk density: <b>0.35 gr/cc.</b> Melt Point: <b>&gt; 300° C.</b> Molecular Wt: <b>&gt; 350</b> Particle Size: <b>Not applicable</b> Hiding Power: <b>Transparent</b> <b>pH: 7.0</b>																																																				

**DISCLAIMER**

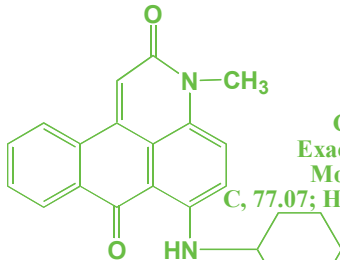
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# DAYGLO DYES FOR PLASTICS

## OTTAWA RED

<b>IDENTIFICATION INFORMATION</b>	<b>CHEMICAL STRUCTURE</b>
<b>Product Name:</b> Ottawa Red™ <b>Product Code:</b> D-149 <b>C.I. Name:</b> Solvent Red 149 <b>C.I. Number:</b> 674700 <b>HUE:</b> Blue shade Red	 <p> <math>C_{23}H_{22}N_2O_2</math>          Exact Mass: 358.17          Mol. Wt.: 358.43          C, 77.07; H, 6.19; N, 7.82; O, 8.93       </p>

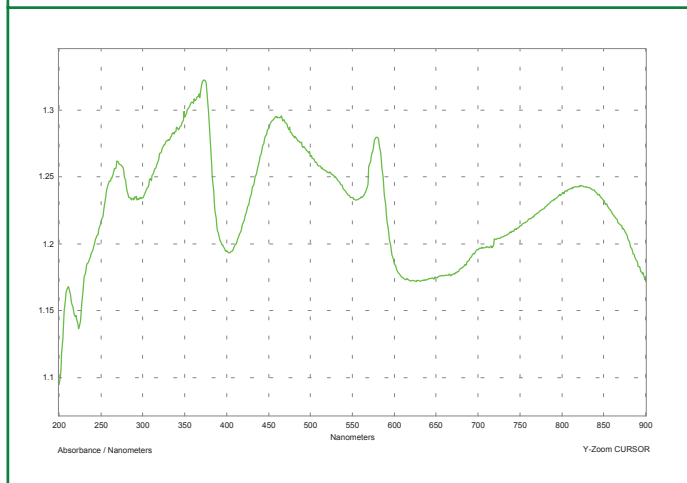
SOLUBILITY DATA (g / 100ml)	
Toluene:	0.19
Ethyl Alcohol:	0.07
Ethyl Acetate:	0.06
Acetone:	0.06
M.E.K.:	0.10
MMA Mono:	0.01

Safety **000** ASSAY **> 95 %**  
Data

POLYMER	FASTNESS PROPERTIES		
		LIGHT	HEAT
ABS:	YES	4	3-4
ACRYLIC:	YES	4	4
CELLULOSIC:	YES	4	4
POLYAMIDE:	NO	0	0
POLYCARBONATE:	YES	4	4
POLYETHYLENE:	NO	0	0
POLYESTER:	YES	4	4
POLYSTYRENE:	YES	4	4
POLYPROPYLENE:	NO	0	0
POLYURETHANE:	YES	4	5
RIGID PVC:	YES	4	5

CHEMICAL INFORMATION	
Chemical Type:	<b>Anthrapyridone</b>
Chemical Class:	<b>Organic Dye</b>
CAS Registry #:	<b>21295-57-8</b>
TSCA Listing:	<b>Yes</b>
FDA Approved:	<b>NO</b>
EINECS Listing:	<b>Yes</b>

Specific Gravity:	<b>1.60</b>
Bulk density:	<b>0.35 gr/cc.</b>
Melt Point:	<b>267°C</b>
Molecular Wt:	<b>352.39</b>
Sublimation:	<b>310° C.</b>
Hiding Power:	<b>Transparent</b>
pH:	<b>7.0</b>



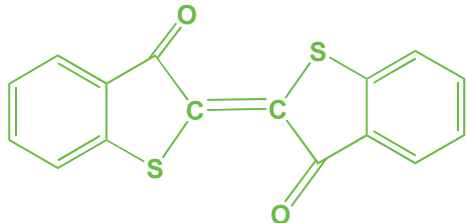
**DISCLAIMER**

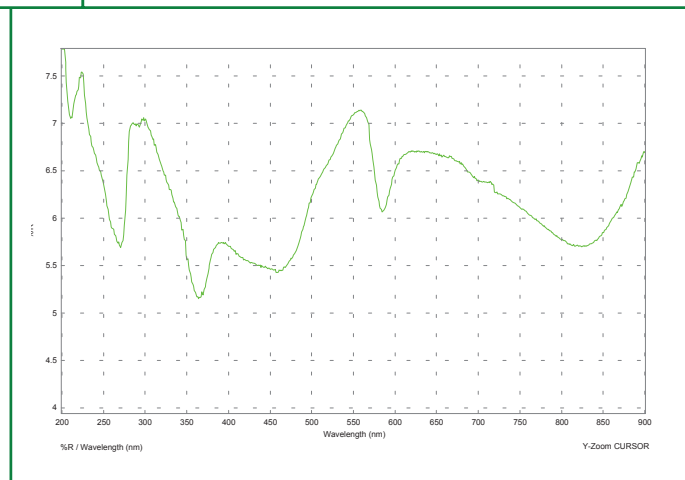
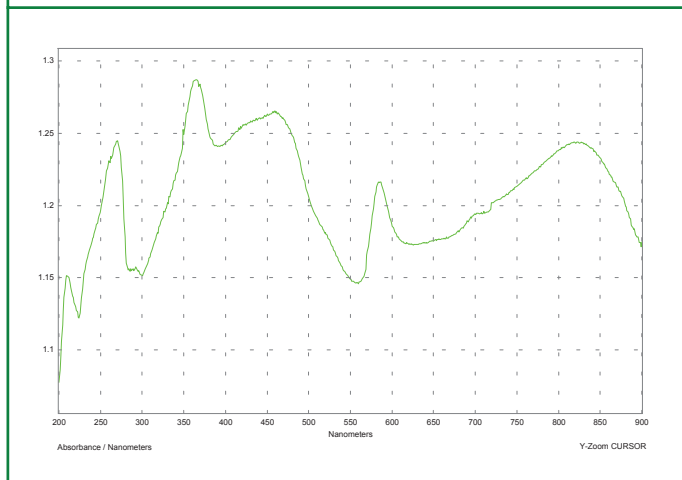
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# DAYGLO DYES FOR PLASTICS

## GRAND RED

<b>IDENTIFICATION INFORMATION</b> <b>Product Name:</b> Grand Red™ <b>Product Code:</b> D- 041 <b>C.I. Name:</b> Vat Red 41 (S.R. 242) <b>C.I. Number:</b> 73360 <b>HUE:</b> Bright Bluish Red		<b>CHEMICAL STRUCTURE</b>  $C_{16}H_8O_2S_2$ Exact Mass: 296.00 Mol. Wt.: 296.37																																																	
<b>SOLUBILITY DATA (g / 100ml)</b> Dimethylformamide: <b>Insoluble</b> Ethyl Alcohol: <b>Insoluble</b> Ethyl Acetate: <b>Insoluble</b> Acetone: <b>Insoluble</b> M.E.K.: <b>Insoluble</b> Petroleum oil: <b>Insoluble</b>		<b>Safety Data</b> <b>000 ASSAY &gt; 95 %</b>																																																	
<b>POLYMER</b> ABS: <b>YES</b> ACRYLIC: <b>YES</b> CELLULOSIC: <b>YES</b> POLYAMIDE: <b>NO</b> POLYCARBONATE: <b>YES</b> POLYETHYLENE: <b>NO</b> POLYESTER: <b>YES</b> POLYSTYRENE: <b>YES</b> POLYPROPYLENE: <b>NO</b> POLYURETHANE: <b>NO</b> RIGID PVC: <b>YES</b>		<b>CHEMICAL INFORMATION</b> Chemical Type: <b>Thioindigoid</b> Chemical Class: <b>Organic Dye</b> CAS Registry #: <b>522-75-8</b> TSCA Listing: <b>Yes</b> FDA Approved: <b>NO</b> EINECS Listing: <b>208-336-1</b> Specific Gravity: <b>Not determined</b> Bulk density: <b>1.20</b> Melt Point: <b>&gt; 301° C.</b> Molecular Wt: <b>296.37</b> Sublimation: <b>Not applicable</b> Hiding Power: <b>Transparent</b> pH: <b>Not applicable</b>																																																	
<b>FASTNESS PROPERTIES</b> <table border="1"> <thead> <tr> <th></th> <th></th> <th>LIGHT</th> <th>HEAT</th> </tr> </thead> <tbody> <tr><td>ABS:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>ACRYLIC:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>CELLULOSIC:</td><td>YES</td><td>8</td><td>5</td></tr> <tr><td>POLYAMIDE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>POLYCARBONATE:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>POLYETHYLENE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>POLYESTER:</td><td>YES</td><td>7</td><td>5</td></tr> <tr><td>POLYSTYRENE:</td><td>YES</td><td>8</td><td>5</td></tr> <tr><td>POLYPROPYLENE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>POLYURETHANE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>RIGID PVC:</td><td>YES</td><td>8</td><td>5</td></tr> </tbody> </table>				LIGHT	HEAT	ABS:	YES	7	5	ACRYLIC:	YES	7	5	CELLULOSIC:	YES	8	5	POLYAMIDE:	NO	0	0	POLYCARBONATE:	YES	7	5	POLYETHYLENE:	NO	0	0	POLYESTER:	YES	7	5	POLYSTYRENE:	YES	8	5	POLYPROPYLENE:	NO	0	0	POLYURETHANE:	NO	0	0	RIGID PVC:	YES	8	5		
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### DISCLAIMER

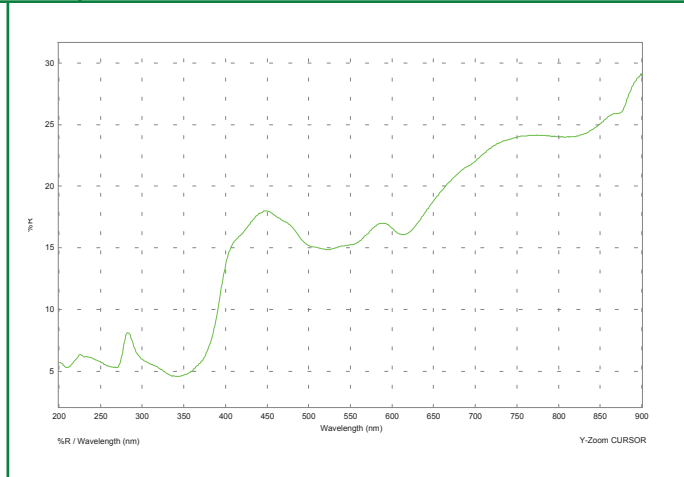
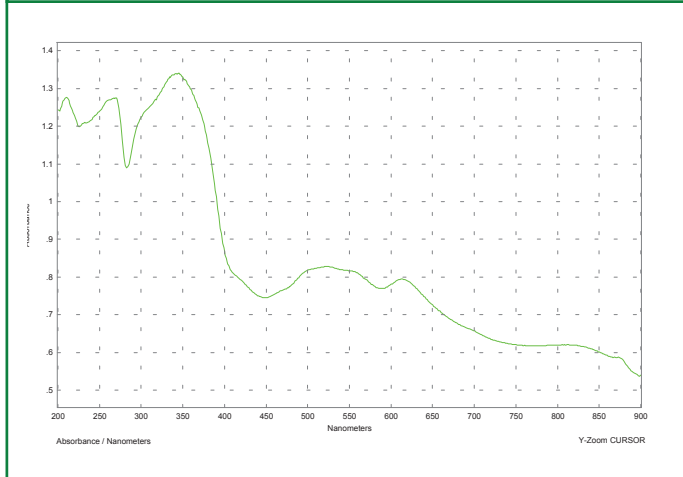
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# DAYGLO DYES FOR PLASTICS

## ARKANSAS VIOLET

<b>IDENTIFICATION INFORMATION</b> <b>Product Name:</b> Arkansas Violet™ <b>Product Code:</b> D-330 <b>C.I. Name:</b> Proprietary <b>C.I. Number:</b> Proprietary <b>HUE:</b> Red shade violet		<b>CHEMICAL STRUCTURE</b>  <p style="text-align: center;"><b>STRUCTURE NOT DISCLOSED</b></p>																																																				
<b>SOLUBILITY DATA (g / 100ml)</b> Acetone: Insoluble Ethyl Alcohol: Insoluble Ethyl Acetate: Insoluble DMF: Insoluble M.E.K.: Insoluble Xylene: Insoluble		<b>Safety Data</b> <b>000 ASSAY &gt; 95 %</b>																																																				
<table border="1"> <thead> <tr> <th rowspan="2">POLYMER</th> <th colspan="3">FASTNESS PROPERTIES</th> </tr> <tr> <th></th> <th>LIGHT</th> <th>HEAT</th> </tr> </thead> <tbody> <tr><td>ABS:</td><td>YES</td><td>5</td><td>5</td></tr> <tr><td>ACRYLIC:</td><td>YES</td><td>5</td><td>5</td></tr> <tr><td>CELLULOSIC:</td><td>YES</td><td>5</td><td>5</td></tr> <tr><td>POLYAMIDE:</td><td>NO</td><td>0</td><td>0</td></tr> <tr><td>POLYCARBONATE:</td><td>YES</td><td>5</td><td>5</td></tr> <tr><td>POLYETHYLENE:</td><td>YES</td><td>6</td><td>5</td></tr> <tr><td>POLYESTER:</td><td>YES</td><td>5</td><td>5</td></tr> <tr><td>POLYSTYRENE:</td><td>YES</td><td>6</td><td>5</td></tr> <tr><td>POLYPROPYLENE:</td><td>YES</td><td>5</td><td>5</td></tr> <tr><td>POLYURETHANE:</td><td>YES</td><td>6</td><td>5</td></tr> <tr><td>RIGID PVC:</td><td>YES</td><td>6</td><td>5</td></tr> </tbody> </table>		POLYMER	FASTNESS PROPERTIES				LIGHT	HEAT	ABS:	YES	5	5	ACRYLIC:	YES	5	5	CELLULOSIC:	YES	5	5	POLYAMIDE:	NO	0	0	POLYCARBONATE:	YES	5	5	POLYETHYLENE:	YES	6	5	POLYESTER:	YES	5	5	POLYSTYRENE:	YES	6	5	POLYPROPYLENE:	YES	5	5	POLYURETHANE:	YES	6	5	RIGID PVC:	YES	6	5	<b>CHEMICAL INFORMATION</b> Chemical Type: Indigoid Chemical Class: Organic Dye CAS Registry #: Proprietary TSCA Listing: Yes FDA Approved: NO EINECS Listing: NO  Specific Gravity: Not determined Bulk density: 1.20 Melt Point: > 200° C. Molecular Wt: Proprietary Sublimation: Not applicable Hiding Power: Transparent pH: Not applicable	
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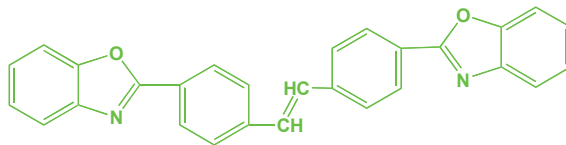
# DAYGLO DYES FOR PLASTICS

## ICE BLUE

### IDENTIFICATION INFORMATION

**Product Name:** Ice Blue  
**Product Code:** D-211  
**C.I. Name:** Optical Brightener 393  
**C.I. Number:** 40674  
**HUE:** Blue shade tint

### CHEMICAL STRUCTURE



$C_{28}H_{18}N_2O_2$   
 Exact Mass: 414.14  
 Mol. Wt.: 414.45  
 C, 81.14; H, 4.38; N, 6.76; O, 7.72

### SOLUBILITY DATA (g / 100ml)

Acetone: **Not Determined**  
 Benzyl Alcohol: **Not Determined**  
 Butyl Acetate: **Not Determined**  
 M.E.K.: **Not Determined**  
 MMA monomer: **Not Determined**  
 Xylene: **Not Determined**

**Safety Data**     **000**     **ASSAY > 95 %**

### CHEMICAL INFORMATION

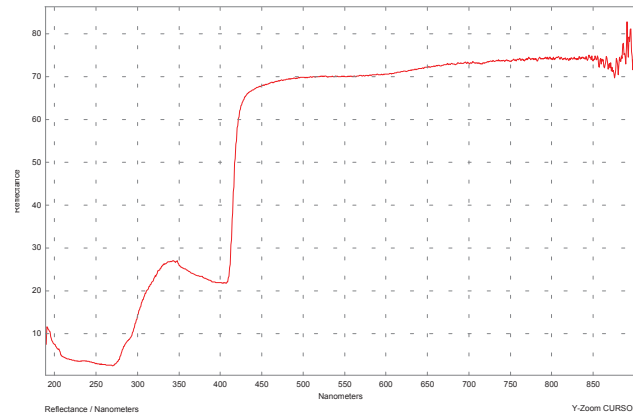
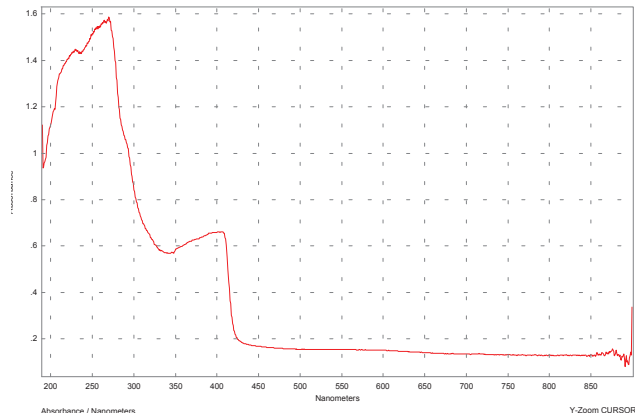
Chemical Type: **Stilbene**  
 Chemical Class: **Organic Dye**  
 CAS Registry #: **01533-45-5**  
 TSCA Listing: **Yes**  
 FDA Approved: **NO**  
 EINECS Listing: **216-245-3**

### POLYMER

### FASTNESS PROPERTIES

		LIGHT	HEAT
ABS:	YES	3-4	4
ACRYLIC:	NO	0	0
CELLULOSIC:	NO	0	0
EVA:	YES	3-4	4
POLYAMIDE:	YES	3-4	4
POLYETHYLENE:	NO	0	0
POLYESTER:	YES	3-4	4
POLYSTYRENE:	YES	3-4	4
POLYPROPYLENE:	YES	3-4	4
POLYURETHANE:	NO	0	0
RIGID PVC:	NO	0	0

Specific Gravity: **1.20**  
 Bulk density: **Not determined**  
 Melt Point: **> 359° C.**  
 Molecular Wt: **414.40**  
 Particle Size: **Not determined**  
 Hiding Power: **Transparent**  
 Oil Absorption: **Not applicable**



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# DAYGLO DYES FOR PLASTICS

## COLUMBIA BLUE

<b>IDENTIFICATION INFORMATION</b> <b>Product Name:</b> Columbia Blue <b>Product Code:</b> D- 298 <b>C.I. Name:</b> FL Brightener 61 <b>C.I. Number:</b> Not Listed <b>HUE:</b> Violet Blue shade		<b>CHEMICAL STRUCTURE</b>  <p style="text-align: center;"><b>STRUCTURE NOT DISCLOSED</b></p>																																		
<b>SOLUBILITY DATA (g / 100ml)</b> Acetone: 250 Ethyl Alcohol: 350 Isopropanol: 200 Methyl Alcohol: 500 n-propyle acetate: 200 Toluene: 1000		<b>Safety 000 ASSAY &gt; 95 %</b> <b>Data</b>																																		
<b>POLYMER</b> ABS: 0 ACRYLIC: 0 CELLULOSIC: 0 POLYAMIDE: 0 POLYCARBONATE: 0 POLYETHYLENE: 0 POLYESTER: 0 POLYSTYRENE: 0 POLYPROPYLENE: 0 POLYURETHANE: 0		<b>FASTNESS PROPERTIES</b> <table border="1"> <thead> <tr> <th></th> <th>LIGHT</th> <th>HEAT</th> </tr> </thead> <tbody> <tr><td>ABS:</td><td>0</td><td>0</td></tr> <tr><td>ACRYLIC:</td><td>0</td><td>0</td></tr> <tr><td>CELLULOSIC:</td><td>0</td><td>0</td></tr> <tr><td>POLYAMIDE:</td><td>0</td><td>0</td></tr> <tr><td>POLYCARBONATE:</td><td>0</td><td>0</td></tr> <tr><td>POLYETHYLENE:</td><td>0</td><td>0</td></tr> <tr><td>POLYESTER:</td><td>0</td><td>0</td></tr> <tr><td>POLYSTYRENE:</td><td>0</td><td>0</td></tr> <tr><td>POLYPROPYLENE:</td><td>0</td><td>0</td></tr> <tr><td>POLYURETHANE:</td><td>0</td><td>0</td></tr> </tbody> </table>			LIGHT	HEAT	ABS:	0	0	ACRYLIC:	0	0	CELLULOSIC:	0	0	POLYAMIDE:	0	0	POLYCARBONATE:	0	0	POLYETHYLENE:	0	0	POLYESTER:	0	0	POLYSTYRENE:	0	0	POLYPROPYLENE:	0	0	POLYURETHANE:	0	0
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POLYPROPYLENE:	0	0																																		
POLYURETHANE:	0	0																																		
		<b>CHEMICAL INFORMATION</b> Chemical Type: Aminocoumarin Chemical Class: Organic Dye CAS Registry #: 91-44-1 TSCA Listing: Yes FDA Approved: NO EINECS Listing: Yes																																		
		Specific Gravity: 1.26 Bulk density: Not applicable Melt Point: >100 C Molecular Wt: Particle Size: 0 nm Hiding Power: Transparent Oil Absorption:																																		

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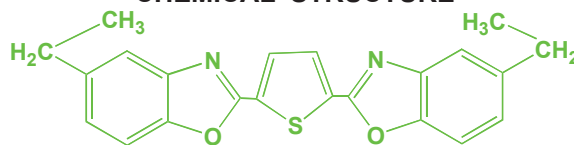
## SKY BLUE



### IDENTIFICATION INFORMATION

**Product Name:** Sky Blue  
**Product Code:** D- 286  
**C.I. Name:** FL Brightener 184  
**C.I. Number:**  
**HUE:** Blue shade tint

### CHEMICAL STRUCTURE



$C_{22}H_{18}N_2O_2S$   
**Exact Mass:** 374.11  
**Mol. Wt.:** 374.46  
**C, 70.57; H, 4.85; N, 7.48; O, 8.55; S, 8.56**

### SOLUBILITY DATA (g / 100ml)

**Acetone:** 2.00  
**n-propyl Acetate:** 15.00  
**Water:** Insoluble  
**Mineral Spirits:** 10.00  
**Methyl Chloride:** 20.00  
**Toluene:** 50.00

**Safety Data**    **000**    **ASSAY > 95 %**

### CHEMICAL INFORMATION

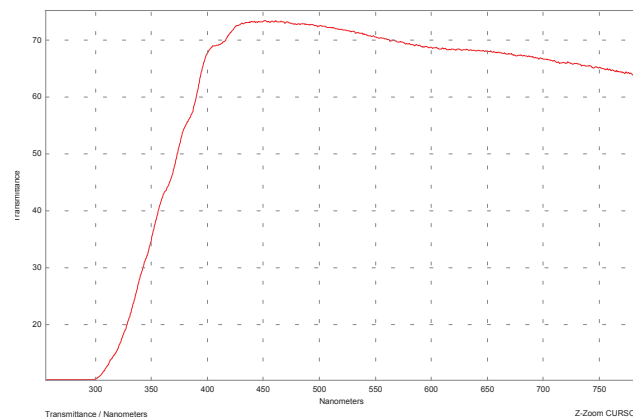
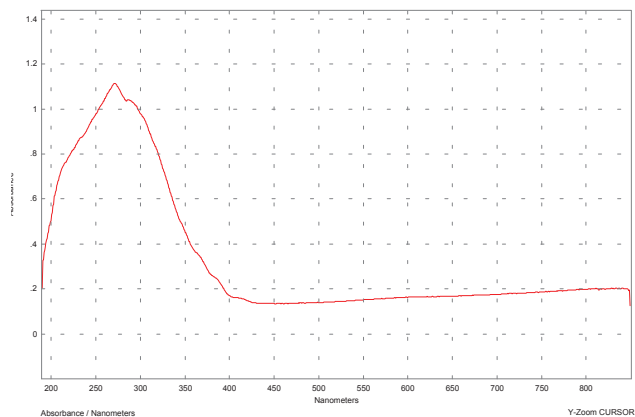
**Chemical Type:** Heterocyclic  
**Chemical Class:** Organic Dye  
**CAS Registry #:** 7128-64-5  
**TSCA Listing:** Yes  
**FDA Approved:** NO  
**EINECS Listing:** Yes

### POLYMER

### FASTNESS PROPERTIES

		FASTNESS PROPERTIES	
		LIGHT	HEAT
ABS:	YES	3-4	4
ACRYLIC:	NO	0	0
CELLULOSIC:	NO	0	0
EVA:	YES	3-4	4
POLYAMIDE:	YES	3-4	4
POLYETHYLENE:	NO	0	0
POLYESTER:	YES	3-4	4
POLYSTYRENE:	YES	3-4	4
POLYPROPYLENE:	YES	3-4	4
POLYURETHANE:	NO	0	0
RIGID PVC:	YES	0	0

**Specific Gravity:** 1.26  
**Bulk density:** Not applicable  
**Melt Point:** 196 C  
**Molecular Wt:** 374.46  
**Particle Size:** 0 nm  
**Hiding Power:** Transparent  
**Oil Absorption:**



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