

Technical Data Sheet

EZENTUS™ (EZ) PIGMENTS

General description

Ezentus™ (EZ) from DayGlo is a new class of formaldehyde-free, high performance fluorescent pigment.

Maintaining function and value may be the most challenging aspect of designing safe, non-toxic products. Ezentus pigments have met this challenge in a safe and responsible way.

Relying on innovative materials that eliminate chemicals of concern, and pioneering new manufacturing processes, Ezentus pigments connect "what's needed" with "what's possible". And they do this while making no compromise on performance or value.

Applications

- Flexible PVC
- Textile inks
- Plastisol and organisol
- Expanded plastics and rubbers
- Polyurethane elastomers and coatings
- Thermoplastic elastomers
- Solvent-based coatings

Product Features

- Formaldehyde free
- Improved thermal stability
- Migration free
- Improved lightfastness

Available Colors				
Product Code	Color			
EZ-11	Aurora Pink			
EZ-15	Blaze Orange			
EZ-17	Saturn Yellow			
EZ-18	Signal Green			
EZ-21	Corona Magenta			

Packaging:

44 Lb Box

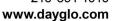
Storage & shelf life:

120 months when kept in closed original packaging in a dry place at ambient temperature.

Safety & regulatory:

Safety Data Sheet available on request.

Disclaimer: Our technical advice, information, statements, whether given verbally, in writing, or in the form of test results, is offered for your guidance without warranty. No warranty for fitness for a particular purpose is made. This also applies where protective rights of third parties are involved. It does not release the user from obligation to test the suitability of the products and formulas for the intended process and applications. Our guarantee is limited to the consistent quality of our product.

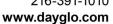




Physical properties				
Delivery Form	Powder			
Oil Absorption	54g oil / 100g pigment			
Weight per Gallon	10.42 lbs /gal			
Density	1.25 g/ml			
Bulk Density	20.0 lbs /ft3			
Moisture Content	< 2.0%			
Particle Shape	Spherical			
Mean Particle Size	2.5 μm			
Тд	150°C			
Heat Stability	250°C			
Lightfastness	2-3 BWS			

Solvent Gnaracteristics			Solvent Characteristics							
Alcohols	EZ-17	EZ-15	EZ-11	EZ-21						
Methanol	2.5	2	2	2						
Ethanol	3	2.5	3	3						
Propanol	3	3	4.5	4						
n-Butanol	2.5	3	4	4						
Diacetone Alcohol	3	2.5	2.5	2.5						
Ketones										
Acetone	3	3	3	4						
MIBK	3.5	2.5	3.5	4.5						
MEK	3	3	3.5	4.5						
Cyclohexanone	3	3	3	4.5						
Esters										
Ethyl Acetate	4.5	4.5	4.5	4.5						
Diethylene Glycol Monobutyl Ether Acetate	4.5	5	5	5						
Isopropyl Acetate	5	5	5	5						
Isobutyl Isobutyrate	5	5	5	5						
Butyl Acetate	5	5	5	5						
EB Acetate	5	5	5	5						
Glycols & Glycol Ethers										

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Solvent Characteristics (continued)						
PEG 400	3.5	4	3.5	3.5		
Propylene Glycol	3.5	4	3.5	3.5		
Propylene Glycol Monomethyl Ether	3.5	4	3.5	3.5		
Triproylene Glycol Monomethyl Ether	4	4	4	4.5		
Aromatics						
Toluene	5	5	5	5		
Xylene	5	5	5	5		
Aliphatics						
Mineral Spirits	5	5	5	5		
Lactol Spirits	5	5	5	5		
VM&P Naphtha	5	5	5	5		
Plasticizers						
Santicizer 141 ¹	4.5	4.5	4.5	5		
Eastman 168 ²	5	5	5	5		
Hexamoll ³	5	5	5	5		
Dioctyladipate	5	5	5	5		

1-Ferro, 2-Eastman Chemical, 3-BASF - Test Method: 1 g of pigment mixed with 9 g of solvent. Bleed assessed after 24 hrs. at room temperature. **1** = Considerable Bleeding, **5** = No Bleeding.