

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.

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 /ft ³
Moisture Content	< 2.0%
Particle Shape	Spherical
Mean Particle Size	2.5 µm
Tg	150°C
Heat Stability	250°C
Lightfastness	2-3 BWS

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
Tripropylene 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
Diocyladipate	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.