

Technical Data Sheet

Ezentus (EZ)

General Description:

Ezentus Pigments from DayGlo are 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, DayGlo's newest fluorescent pigments have met this challenge in a safe and responsible way. Relying on innovative materials and on pioneering new manufacturing processes, Ezentus pigments are about connecting "what's needed" with "what's possible".

When compared to the class-leading formaldehyde containing pigments.

Product Features:

- Formaldehyde Free
- Improved Thermal Stability
- Migration Free

Applications:

- Applications where high solvent resistance is required
- Formaldehyde free blown EVA applications
- Flexible PVC
- High color fastness, formaldehyde free textile applications.
- Masterbatch application including TPU, TPE, Olefins and PVC
- Plastisol inks

Standard Colors	
Product Name	Description
EZ-11	Aurora Pink
EZ-15	Blaze Orange
EZ-17	Saturn Yellow
EZ-18	Signal Green
EZ-21	Corona Magenta
Packaging: 1 box = 20kg MOQ = 20kg Storage and 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	
Oil Absorption	54g oil / 100g pigment
Mean particle size	2.5µm
Moisture Content	< 2.0%
Tg	150°C
Heat Stability	250°C
Density	1.25 g/ml
Light fastness	2-3 BWS

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Solvent Compatibility				
	EZ-17	EZ-15	EZ-11	EZ-21
Alcohols				
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	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				
PEG 400	3.5	4	3.5	3.5
Propylene Glycol	3.5	4	3.5	3.5
Propylene Glycol	3.5	4	3.5	3.5
Tripropylene Glycol	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

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