

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

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

EZ pigments are designed for use at industrial sites as described in EU COMMISSION REGULATION 2023/2055 of 25 September 2023.

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.	

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.

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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
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

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