

Technical Data Sheet

EZENTUS – FORMALDEHYDE FREE

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". User-friendly materials that eliminate chemicals of concern and make no compromises in performance or value. When compared to the class-leading formaldehyde containing pigments, Ezentus pigments distinct advantages include:

- 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

Physical properties

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 μ m
Tg	150°C
Heat Stability	250°C
Lightfastness	2-3 BWS

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 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				
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
Tripolyene 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

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