



AG425 Prussian Blue Pearlescent

Description: AG425 is a blue pearlescent pigment with a brilliant finish. FDA approved (Section 178-3297).

Chemical Type Mixture - Mica, Titanium Dioxide & Tin Oxide

Typical Chemical and Physical Properties

Appearance	Blue Powder
Luster	Brilliant
Particle Size (µm)	10 - 60
Titanium Type	Anatase
Titanium Content (%)	43 - 55
Mica Content (%)	37 - 56
Tin Oxide Content (%)	≤ 1
pH	4 - 10
Oil Absorption (g/100g)	40 - 90
Bulk Density (g/100 ml)	14 - 18
Density (g/cm³)	2.9 - 3.3
Heat Stability	800°C (HDPE)
Moisture Content (% Max)	0.5

Applications

Plastics		Coatings		Inks		Other	
PVC	■	Decorative		Water Flexo		Paper	
PE	■	Automotive/Aerospace		Solvent Flexo		Rubber	■
PP	■	Industrial	■	InkJet		Finger Paints	
PS	■	Powder	■	UV	■	Seed Coatings	
PET	■			Offset	■		

Fiber

Not Frequently Used Limited Recommended

Comments:

DISCLAIMER OF LIABILITY FOR RELIANCE ON INFORMATION PROVIDED BY DCL: The information contained herein is true and accurate to the best of our knowledge and are deemed as typical values, being therefore provided without warranty or guarantee. Since the conditions of use are beyond our control, DCL disclaims all liability and assumes no legal responsibility for damages resulting from use of or reliance upon the information contained herein. DCL strongly recommends careful screening/testing before using its products in production.