



UPL-2905 Ultramarine Blue

Description: UPL-2905 is a red shade ultramarine blue with good strength and stability. FDA approved (Section 178-3297).

Chemical Type	Ultramarine Blue	Constitution No.	77007
Color Index	Pigment Blue 29	CAS No.	57455-37-5

Resistance Properties

MEK	5	Ethanol	5
Water	5	Ethyl Acetate	5
Mineral Spirits	5	Acid	1
Xylene	5	Alkali	3

Legend: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Product Characteristics

Migration (1-5)	5	Lightfastness (1-8): Masstone	7-8
Heat Stability (°C/°F)	350°C (HDPE)	Lightfastness (1-8): Tint 1:10	7-8
Warpage Rating (1-3) * Plastic Only	1	Weatherfastness (1-5): Masstone	
Overpaint Resistance * Paints Only	5	Weatherfastness (1-5): Tint 1:10	

Warpage: 1 = minimal, 2 = some, 3 = severe Weatherfastness: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent Lightfastness: 1-2=Poor, 3-4=Fair, 5=Good, 6-7=Very Good, 8=Excellent

Physical Properties

Average Particle Size (µm)	2.85	Tap Density (g/cc)	0.50-8.0
Specific Surface Area (m²/g)		Specific Gravity	2.35
Oil Absorption (g/100g)	32-33	Bulk Density (kg/L)	
Moisture Content (%)	1.0	Soluble Salts (%)	1.0
Free Sulphur (ppm by weight)	200	Sieve Residue - 45µm (%)	0.2

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:

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