



UPL-1130 Ultramarine Blue

Description: UPL-1130 is a strong, red shade ultramarine blue. 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

Particle Size (µm)	1.8	Tap Density (g/cc)	0.50-8.0
Specific Surface Area (m²/g)		Specific Gravity	2.35
Oil Absorption (g/100g)	35-37	Bulk Density (kg/L)	
Moisture Content (%)	1.0	Soluble Salts (%)	1.0
Free Sulphur (ppm by weight)	<100	Sieve Residue - 45µm (%)	Nil

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.