



2443 Vat Orange 43

Description: 2443 is a bright, high chroma orange pigment with excellent overall properties and high tint strength.

Chemical Type	Vat Orange	Constitution No.	71105
Color Index	Pigment Orange 43	CAS No.	4424-06-0

Resistance Properties

MEK	5	Ethanol	5
Water	5	Ethyl Acetate	5
Mineral Spirits	5	Acid	5
Xylene	4 - 5	Alkali	5

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

Product Characteristics

Migration (1-5)	5	Lightfastness (1-8): Masstone	7
Heat Stability (°C/°F)	200°C (Paints) 280°C (HDPE)	Lightfastness (1-8): Tint 1:10	7
Warpage Rating (1-3) * Plastic Only		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)		pH	6.0 - 7.0
Specific Surface Area (m²/g)		Specific Gravity	1.5
Oil Absorption (g/100g)	65 - 75	Bulk Density (kg/L)	
Moisture Content (%)	≤ 1.0%	Bulk Volume (L/kg)	

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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