



8817 Trans Red Iron Oxide

Lanox Iron Oxide

Description: 8817 is a high performance transparent red iron oxide offering high color strength, weather resistance and UV protection properties.

Chemical Type	Trans Red Iron Oxide	Constitution No.	77491
Color Index	Pigment Red 101	CAS No.	1309-37-1

Typical Chemical and Physical Properties

Fe Content (Fe₂O₃) - % Min.	90
pH	5.0 – 8.0
Volatile Matter (220°F) - % Max.	3.0
Water Soluble Salts (% Max.)	0.20
Oil Absorption (g/100g)	30 - 40
Sieve Residue (325 mesh) - % Max.	0.05
UV Absorption (%)	≥95
Weatherfastness	5
Lightfastness	8

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

Applications

Plastics	Coatings	Inks	Other
PVC <input checked="" type="checkbox"/>	Decorative	Water Flexo	Paper
PE	Automotive/Aerospace <input checked="" type="checkbox"/>	Solvent Flexo <input checked="" type="checkbox"/>	Rubber
PP	Industrial <input checked="" type="checkbox"/>	InkJet	Finger Paints
PS	Powder <input checked="" type="checkbox"/>	UV	Seed Coatings
PET		Offset	

Fiber

Not Frequently Used Limited Recommended

Comments: 8817 is also recommended for wood coatings.

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