



8110 Syn Red Iron Oxide, Light

Lanox Iron Oxide

Description: 8110 is a light, yellow shade synthetic red iron oxide. 8110 has outstanding hiding, heat and weather resistance.

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

Typical Chemical and Physical Properties

Fe Content (Fe₂O₃) - % Min.	90
pH	4.0 – 7.0
Average Particle Size (µm)	300 – 500
Water Soluble Salts (% Max.)	0.20
Oil Absorption (g/100g)	15 - 25
Sieve Residue (325 mesh) - % Max.	0.20
Density (g/cm³)	10 - 25
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	Decorative <input checked="" type="checkbox"/>	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: 8110 is recommended for use in the construction industry for the coloration of concrete.

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