



8820 Syn Yellow Iron Oxide

Lanox Iron Oxide

Description: 8820 has excellent chemical and weather resistance and excellent opacity.

Chemical Type	Syn Yellow Iron Oxide	Constitution No.	77492
Color Index	Pigment Yellow 42	CAS No.	51274-00-1

Typical Chemical and Physical Properties

Fe Content (Fe₂O₃) - % Min.	86
Volatile Matter (220°F) - % Max.	1.0
pH	3.0 - 7.0
Water Soluble Salts (% Max.)	0.5
Oil Absorption (g/100g)	25 - 35
Sieve Residue (325 mesh) - % Max.	0.3
Density (g/cm³)	4.10
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 <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: This pigment is recommended for use in the construction industry for coloration of concrete.

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.