

Thermoxide Yellow 940R

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C.I. Name	Pigment Yellow 42	C.I. No.	77492
CAS No.	20344-49-4	Chemical Group	Modified Synthetic Iron Oxide

Product Description

Thermoxide Yellow 940R is an inorganic yellow iron oxide pigment with increased thermo stability for most high heat plastic and coating applications. It has very high gloss and has 15-20% higher color strength than Lanxess Colortherm 20 and Nubiola Y-7050. Its micronized design allows for superior disperse ability especially in the plastic applications.

Applications

Plastics	Coatings	Construction Material
Colored Plastics	Ceramic / Engobes	Asphalt / Bricks
Masterbatches	Coil Coating	Concrete Masonry Blocks
Plastic & Polymers	Powder Coating	Concrete Roofing Tiles/Felts
Wood Plastic Composites	Roof tile Coating	Fiber Cement
	Automotive Coating	Paving Stones / Plaster
	PVDF / Fluorocarbon Coating	Noise Barriers

Special Conditions for Opened Packaging

Close bag after use to avoid the absorption of moisture and contamination.

Physical Data

Density	4.10 g/ml
Form of supply	Yellow Powder
Oil absorption (g/100 g)	35~45
Heat stability	≤260°C / ≤500°F
Content (%)	≥80
Hue	Red Shade Yellow
Mesh residue	≤0.10% (325 Mesh)
Average particle size	0.10µm x 0.70
Particle shape	Acicular

Packaging, Shipping & Storage

Thermoxide Yellow 940R is supplied as yellow powder. The product is packed in 20 kg paper bag and shipped on pallets of 600 kg. Store under normal temperatures, dry and protected from weather. Shelf life: 5 years from manufacturing date.

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.