

Thermoxide Yellow 20M

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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 20M is an inorganic yellow iron oxide pigment with increased thermo stability for most high heat plastic and coating applications. It has 15-20% higher color strength than Lanxess Colortherm 10 / 20 and Nubiola Y-7050. Its micronized design allows for superior disperse ability especially in the plastic applications.

Physical Data

Density	4.10 g/ml
Form of supply	Yellow Powder
Oil absorption (g/100 g)	40
Heat stability	250°C / 482°F
Content (%)	75~79
Hue	Mid Shade Yellow
Mesh residue	≤0.10% (325 Mesh)
Average particle size	0.10µm x 0.17
Particle shape	Acicular

Other Characteristics

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

Packaging, Shipping & Storage

Thermoxide Yellow 20M is supplied as yellow powder. The product is packed in 20 kg paper bag and shipped on pallets of 600 kg. Store in a dry place and avoid extreme fluctuations in temperature. 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.