

THERMOXIDE YELLOW 21

Product Description

Thermoxide Yellow 21 is an inorganic yellow iron oxide pigment with increased thermo stability for high heat plastic and coating applications. It has higher heat stability than Lanxess Colortherm 20 and Nubiola Y-7050. Its micronized design allows for superior disperse ability especially in the plastic applications.

C.I. Name	Pigment Yellow 42
C.I. No.	77492
CAS. No.	20344-49-4
Chemical Group	Modified synthetic iron oxide

Physical Data

Content(Fe ₂ O ₃) [%]	> 72
Hue	Mid Shade Yellow
325 Mesh Residue [%]	< 0.10
Oil Absorption [ml/100g]	40
Density [g/ml]	4.1
Particle Size [µm]	0.10 x 0.17
Particle Shape	Acicular
Heat Stability	270°C / 518°F

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

Packaging, Shipping & Storage

Thermoxide Yellow 21 is supplied in powder form. The product is packed in paper bags (20kg/bag) and shipped on pallets (500kg/pallet). Store in a dry place and avoid extreme fluctuation in temperature. Special conditions for opened packaging: Close bag after use to avoid the absorption of moisture and contamination.

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.