

THERMOXIDE YELLOW 3950

Product Description

Thermoxide Yellow 3950 is an inorganic Synthetic Zinc Ferrite yellow pigment with increased thermo stability for high heat plastic applications. It has higher heat resistance than Lanxess Colortherm 3950 and Nubiola Y-905K. Its micronized design allows for superior disperse ability. Its inorganic structure also gives the highest light / weather fastness for coating applications.

C.I. Name	Pigment Yellow 119
C.I. No.	77496
CAS. No.	68187-51-9
Chemical Group	Modified Zinc Ferrite

Physical Data

Content(Fe ₂ O ₃) [%]	65-68
Hue	Red Shade Yellow
325 Mesh Residue [%]	< 0.10
Oil Absorption [ml/100g]	25
Density [g/ml]	5.1
Particle Size [µm]	0.15 x 0.50
Particle Shape	Elongated
Heat Stability	280°C / 536°F

Applications

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

Packaging, Shipping & Storage

Thermoxide Yellow 3950 is supplied in powder form. The product is packed in paper bags (25kg/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.