



Tan 223 Heat Stable Dark Tan

Description: Tan 223 is a dark tan ferrite blend of zinc ferrite and synthetic iron oxide. It is a high performance, heat stable pigment.

Chemical Type	Zinc ferrite and Syn Iron Oxide	Constitution No.
Color Index	Pigment Mixture	CAS No.

Typical Chemical and Physical Properties

Iron Oxide Content (% Min.)	79
Particle Size (µm)	0.40 – 1.50
Oil Absorption (g/100g)	25 - 35
Sieve Residue (325 Mesh) - Max. %	0.10
Heat Stability	260°C (HDPE)
Moisture Content (% Max.)	1.00
Specific Gravity	4.5 – 5.5
Soluble Matter in Water (wt/100wt %)	0.50
Ignition Loss (%)	0.2

Applications

Plastics		Coatings		Inks		Other	
PVC	■	Decorative		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:

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