



Tan 221 Zinc Ferrite

Description: Tan 221 pigment is primarily utilized in plastics due to its temperature stability up to 500°F. Tan 221 has excellent lightfastness and chemical stability.

Chemical Type	Zinc Ferrite	Constitution No.	77496
Color Index	Pigment Yellow 119	CAS No.	68187-51-9

Typical Chemical and Physical Properties

Iron Oxide Content (% Min.)	60
Particle Size (µm)	0.40 – 1.50
Oil Absorption (g/100g)	25 - 35
Bulking Value (gallons/lb)	0.02 – 0.03
Sieve Residue (325 Mesh) - Max. %	0.10
Heat Stability	260°C (HDPE)
Moisture Content (% Max.)	1.00
Specific Gravity	5.00 – 5.30
Soluble Matter in Water (wt/100wt %)	0.50

Applications

Plastics	Coatings	Inks	Other
PVC <input checked="" type="checkbox"/>	Decorative	Water Flexo	Paper
PE <input checked="" type="checkbox"/>	Automotive/Aerospace	Solvent Flexo	Rubber <input checked="" type="checkbox"/>
PP <input checked="" type="checkbox"/>	Industrial <input checked="" type="checkbox"/>	InkJet	Finger Paints
PS <input checked="" type="checkbox"/>	Powder <input checked="" type="checkbox"/>	UV	Seed Coatings
PET		Offset	
Fiber			

Not Frequently Used Limited Recommended

Comments:

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