

Zigma International

Product Information

Z-Talc 1090

			Typical	
Mineralogy	Talc (Mg-Silicate)	(XRD)	95	%
Optical Properties	Brightness Ry		94	%
	Brightness L		93	%
	Refractive index		1.50	
Physical Properties	Hegman fineness		4	
	Particle size distribution	(Sedigraph 5100)		
	- Top cut	(D98%)	10	µm
	- Median particle size	(D50%)	4	µm
	- Particles <3 µm		40	%
	Specific surface area	(BET)	15	m ₂ /g
	Oil absorption	(ISO 787/5)	50	G/100g
	Hardness	(Mohs)	1	
	Specific gravity	(ISO 787/10)	2.75	g/cm ₃
	Tapped density		0.48	g/cm ₃
	Bulk density		0.30	g/cm ₃
	Moisture		<1	%
Chemical Analysis	MgO	(XRF)	32	%
	SiO ₂	(XRF)	63-65	%
	Al ₂ O ₃	(XRF)	<1	%
	FeO total	(XRF)	1.5	%
	Acid solubles		1.5	%
	Loss on ignition		5.2	%
	Water solubles		0.1	%
	pH value		8.5	

Delivery Forms : 25kg Paper bags / 500kg Jumbo bags

Typical Applications in Coatings

Architectural coating, Industrial Coatings, Semi gloss emulsions, Intermediate automotive coatings, Powder coating. Adhesive, Putties, Sealant, Silicone coating and Water Proofing compound.

Paper Filler

Compounding of PP and Engineering Plastics