

Product Specification Sheet

Sintered Spinel

[Chart 1]

No. SMRP007-0

Other Names		Sintered Magnesium Aluminium Spinel (Spinell, Spinelle, Spinellite)			
Items/Grades		SMAS -5831	SMAS -2854	SMAS -2856	SMAS -2858
Chemical Compositions (%)	Al ₂ O ₃	31-35	54-58	56-60	58-62
	MgO	58-62	28-32	28-32	28-32
	SiO ₂	<=2.5	<=8	<=6	<=4
	Fe ₂ O ₃	<=1.8	<=2	<=2	<=2
Physical Properties	Bulk Density (g/cm ³)	>=3.2	>=3.05	>=3.05	>=3.1
	Water Absorption (%)	<=2	<=2.5	<=2	<=1.5
Particle Size		8-5mm, 5-3mm, 3-1mm, 1-0mm 200mesh, 325mesh			
Packing		1,000 - 1,250kg in one jumbo bag, 20 - 25MT in 1x20'fcl			

[Chart 2]

No. SMRP007-0

Items		SMAS -4948	SMAS -3263L	SMAS -3264	SMAS -2176
Chemical Compositions (%)	Al ₂ O ₃	48-50	63-66	64-67	76-79
	MgO	49-51	32-35	32-35	21-23
	SiO ₂	<=0.5	<=0.35	<=0.4	<=0.3
	Fe ₂ O ₃	<=0.5	<=1.8	<=0.4	<=0.35
Physical Properties	Bulk Density (g/cm ³)	>=3.35	<=2.6	>=3.3	>=3.28
	Water Absorption (%)	<=1	---	<=1	<=1
	Apparent Porosity (%)	---	20-28	---	---
Particle Size		8-5mm, 5-3mm, 3-1mm, 1-0mm 200mesh, 325mesh			
Packing		1,000 - 1,250kg in one jumbo bag, 20 - 25MT in 1x20'fcl			

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