

Product Specification Sheet

**Sintered Mullite**

[Chart 1]

No. SMRP005-0

Other Names		None			
Items/Grades		SM-47	SM-56W	SM-60	SM-70
Chemical Compositions (%)	Al <sub>2</sub> O <sub>3</sub>	≥46	56-58	58-62	68-72
	SiO <sub>2</sub>	≤50	37-40	32-36	23-27
	Fe <sub>2</sub> O <sub>3</sub>	≤1.6	≤1	≤1.5	≤1.4
	K <sub>2</sub> O+Na <sub>2</sub> O	≤0.5	≤0.3	≤0.5	≤0.5
	CaO+MgO	≤0.5	-	≤0.5	≤0.6
	TiO <sub>2</sub>	≤3	-	≤3	≤3
Physical Properties	Bulk Density (g/cm <sup>3</sup> )	≥2.55	≥2.5	≥2.65	≥2.75
	Water Absorption (%)	≤2	≤2	≤2	≤2
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. SMRP005-0

Items/Grades		SM-70	SM-75
Chemical Compositions (%)	Al <sub>2</sub> O <sub>3</sub>	70-73	≥75
	Fe <sub>2</sub> O <sub>3</sub>	≤0.5	≤0.35
	TiO <sub>2</sub>	≤0.5	≤0.5
	K <sub>2</sub> O+Na <sub>2</sub> O	≤0.6	≤0.45
Physical Properties	Bulk Density (g/cm <sup>3</sup> )	≥2.8	≥2.85
	Apparent Porosity (%)	≤3	≤3
	Water Absorption (%)	≤1.5	≤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	



Luoyang Siamatec Co., Ltd

[www.siamatec.com](http://www.siamatec.com)

1202, Guobao Building, 261 Kaiyuan Avenue, Luoyang 471026, China

Tel: +86-379-6333-8196/8 Fax: +86-379-6333-8197 Email: [siamatec@siamatec.com](mailto:siamatec@siamatec.com)