

Product Specification Sheet

Sintered Ceramic Sand (Ceramsite)

[Chart 1]

No. SMMP002-0

Other Names	Sintered Ceramsite, Sintered Cast Sand, Mullebeads, Ceramic Power Sand				
Items/Grades	SCS-1	SCS-2	SCS-K	SCS-B	SCS-M
Al ₂ O ₃	40-47	47-52	45-50	53-58	58-63
SiO ₂	45-50	43-48	30-38	32-40	30-35
Fe ₂ O ₃	<=3	<=1.5	<=3.5	<=3.5	<=2
TiO ₂	<=3	<=2	<=2.5	<=2.5	<=3
Other R2O	<=2.5	<=2.5	<=2	<=2	<=2
Angular Coefficient	<=1.15	<=1.15	<=1.15	<=1.15	<=1.15
Blk Density (g/cm ³)	1.40-1.55	1.45-1.60	1.4-1.5	1.45-1.55	1.6-1.7
Loss on Ignition (%)	<=0.1	<=0.1	<=0.1	<=0.1	<=0.1
Refractoriness (°C)	1,780	1,800	1,770	1,800	1,790
Particle Size	a. Foundry Sand: AFS30, 40, 45, 50, 55, 60, 65, 75, 85; b. Raw Material for Ceramic Filter: size to be negotiated with the buyers.				
Packing	1,000-1,250kg in one jumbo bag, 20-25MT in 1x20'fcl				
Photos for Reference					

[Chart 2]

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Particle Size Distribution for Foundry Sand Application											
Fineness		---	---	AFS30	AFS40	AFS50	AFS60	AFS75	AFS85	---	---
Mesh	µM	---	---	(25-35)	(35-45)	(45-55)	(55-65)	(70-80)	(80-90)	---	---
14	1180	---	---	0-2	---	---	---	---	---	---	---
18	850	---	---	0-10	---	---	---	---	---	---	---
26	600	---	---	20-40	0-5	0-2	0-1	---	---	---	---
36	425	---	---	40-60	30-50	10-30	0-10	0-1	---	---	---
50	300	---	---	0-20	35-55	15-35	10-30	0-10	<=0.3	---	---
70	212	---	---	0-5	0-20	20-40	25-45	5-25	5-25	---	---
100	150	---	---	0-2	0-10	0-20	15-35	25-45	25-45	---	---
140	106	---	---	---	0-5	0-10	0-20	20-40	25-45	---	---
200	75	---	---	---	---	0-2	0-5	0-10	5-20	---	---
281	63	---	---	---	---	---	---	0-5	1-3	---	---
Pan	Pan	---	---	---	---	---	---	<=0.5	<=0.3	---	---



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