


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-C	SCS-CA	SCS-K	SCS-B	SCS-M
Al ₂ O ₃	45-50	50-55	45-50	53-58	58-63
SiO ₂	45-52	40-47	30-38	32-40	30-35
Fe ₂ O ₃	≤3	≤1.5	≤3.5	≤3.5	≤2
TiO ₂	≤1.5	≤1.5	≤2.5	≤2.5	≤3
Other R ₂ O	≤2.5	≤2	≤2	≤2	≤2
Angular Coefficient	≤1.15	≤1.15	≤1.15	≤1.15	≤1.15
Blk Density (g/cm ³)	1.4-1.6	1.4-1.65	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)	1,750	1,800	1,770	1,800	1,790
Particle Size	a. Foundry Sand: AFS30, 40, 45, 50, 55, 60, 65, 75, 85, 90; 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	AFS100	AFS160
Mesh	μM	---	---	(25-35)	(35-45)	(45-55)	(55-65)	(70-80)	(80-90)	(90-110)	(150-170)
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	0-3	---
100	150	---	---	0-2	0-10	0-20	15-35	25-45	25-45	10-25	---
140	106	---	---	---	0-5	0-10	0-20	20-40	25-45	40-60	≤1
200	75	---	---	---	---	0-2	0-5	0-10	5-20	10-20	60-75
281	63	---	---	---	---	---	---	0-5	1-3	0-10	20-35
Pan	Pan	---	---	---	---	---	---	≤0.5	≤0.3	0-2	0-5

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