

Sicacast®

Silicon Carbide Castable

Max. Service Temp.:	 °C	1350
Chemical Analysis:	SiC..... %	≥ 84.0
	Al ₂ O ₃ %	≤ 5.0
	SiO ₂ %	≤ 8.0
	CaO..... %	≤ 2.5
	Fe ₂ O ₃ %	≤ 0.5
	KNaO..... %	≤ 0.4
ISO 21068-2:2008		
Cold Crushing Strength:	@ 110°C MPa	≥ 25
	@ 1000°C MPa	≥ 40
ISO 1927-3:2012		
Modulus of Rupture:	@ 110°C MPa	≥ 6
	@ 1000°C MPa	≥ 8
ISO 1927-3:2012		
Linear Change:	@ 110°C x 24 h..... %	approx. -0.1
	@ 1000°C x 3 h..... %	approx. -0.3
Particle Size:	mm	3.0
ISO 1927-3:2012		
Bulk Density:	g/cm ³	≥ 2.5
ISO 1927-3:2012		
Setting Characteristics:		Hydraulic
Thermal Conductivity:	@ 300°C..... W/m·K	11
ISO 8894-2:2007		

Storage Life:	months	12
Storage:		Dry condition
Water added actual Liters/Bag:		1.75/Bag
Method of Application:		Vibro-Casting
Packing:	- In double plastic bags and 1 fibre bag containing 25 kilos - 1 wooden case contains 40 bags = 1,000 kilos net	
HS Tariff Number:		
(Harmonized Commodity Description and Coding System)		3816002000

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Producer:

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