

sicaram®

Silicon Carbide Ramming Mortar

Bulk Density:	110°C (230°F) x 24 h	g/cm ³	2.5
Chemical Analysis:	SiC..... min.	%	86
	SiO ₂ max.	%	6
	Al ₂ O ₃ max.	%	3.5
	Fe ₂ O ₃ max.	%	0.8
Max. application temp.:	 °C		1350
	 °F		2462
Cold Crushing Strength:	110°C (230°F) x 24 h	MPa	50.0
	900°C (1652°F) x 3 h	MPa	90.0
Modulus of Rupture:	110°C (230°F) x 24 h	MPa	20.0
	900°C (1652°F) x 3 h	MPa	25.0
Thermal Conductivity:	1000°C (1832°F)	W/(m·K)	~ 6.5
HS Tariff Number:	 3816002000		
(Harmonized Commodity Description and Coding System)			
Storage:	Always under dry conditions		

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