RAM MAX® BR 70-P BLUE

This product is a mullite-based, high alumina phosphate bonded plastic for use in areas where high hot strength and thermal shock resistance are required. This product is designed for high workability, long shelf life and can be rammed.

Chemical Analysis

*Major Components	
Al_2O_3	65.0%
SiO_2	26.2%
P_2O_5	2.5%
TiO_2	2.1%
Fe_2O_3	1.0%

*Proprietary ingredients not included

Product Information

Maximum Use Temperature	1760°C (3200°F)
Material Required	2.26-2.32 g/cm³ (141-145 lb/ft³)
Installation Methods	Pneumatic ram

Data

Temperature		Density		Linear Expansion	MOR		HMOR		CCS		Abrasion Loss	Thermal Conductivity	
°C	°F	g/cm³	lb/ft³	%	MPa	psi	MPa	psi	MPa	psi	cm³	W/mK	BTU·in / ft²·hr·°F
105	220	2.4	150	-	4.9	700	-	-	17.3	2500	-	-	-
540	1000	-	-	-	-	-	7.3	1050	-	-	-	0.98	6.8
815	1500	2.29	143	0.5	4.9	700	8.3	1200	27.6	4000	9	1.05	7.3
1090	2000	-	-	0.1	-	-	10.7	1550	-	-	-	-	-
1370	2500	-	-	1.2	-	-	-	-	-	-	-	-	-

Packaging Information

Standard packaging	25 kg (55 lb) cartons