

Product Data Sheet

Product Description	Hypermul X Fired fused mullite	
	SI	Imperial
Chemical Analysis (%)		
SiO ₂		2.30
Fe ₂ O ₃		11.0
Al ₂ O ₃		9.0
Cr ₂ O ₃		24.0
CaO		0.7
MgO		53.0
Physical Properties		
Apparent Porosity (%)		13.5
Bulk Density (g/ml) (lb/ft ³)	2.70	168.0
Cold Crushing Strength (MN/m ²) (lb/in ²)	70	10150
Permanent Linear Change on Reheating (%)		
2h @1700°C		-0.1
Modulus of Rupture (MN/m²) (lb/in²)		
0025°C	14.0	2030
1400°C (2552°F)	4.5	653
1500°C	-	-
Thermal Conductivity (w/mK) (BTU ft²h°F)		
Mean Temperature 500°C	1.4	9.7
Mean Temperature 900°C	1.7	11.8
Mean Temperature 1300°C	2.0	13.9

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The data presented are typical, and not contractual conditions of acceptance. The data presented are average values obtained by laboratory testing of production volumes. The extent and frequency of such testing is defined by the internal procedures of the Quality Management System according to EN ISO 9001:2000 standard.

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