



شماره ثبت: ۶۱۸۹۴

Brand Name: DMC 45

Type of Product: Fireclay Castable

Chemical Analysis (%)

Al ₂ O ₃	SiO ₂	CaO	Fe ₂ O ₃	TiO ₂
44-48	32-36	9-11	2-3	4-5

Physical Properties

Raw Material Basis	Chamotte
Max Service Temperature(°C)	1400
Bulk Density after drying at 110°C (Kg/m ³)	>2100
Approximate amount of water required (%)	10-13
Grain Size (mm)	0 -5

Thermo mechanical Properties

Properties After drying	at 110°C	at 1370°C
Cold Crushing Strength (Kg/ Cm ²)	400-500	250-450
Modulus of Rupture (Kg/ Cm ²)	60-100	50-100
Linear Change (%)		+0.5 to +2.5

Packing in 25 kg Bags

All data subject to reasonable deviations, and therefore, should not be used for specification purposes.

ASTM Test Methods, where applicable, used determination of data.