



FICHA TECNICA LADRILLO REFRACTARIO 45 - 70

Description		45%	70%
Bulk Density	g/cm ³	2.15	2.35
Apparent Porosity	%	20	17
Cold Crushing Strength	MPa	35	50
Refractoriness	°C	1710-1750	1770-1790
Softening temperature under load	°C	1350-1400	1460-1520
Thermal expansion (1000°C)	%	≤0.55	≤0.4
Chemical Composition	%		
-SiO ₂		49	25
-Al ₂ O ₃		45	70
-Fe ₂ O ₃		2.8	2.3

Dimensional Tolerance:

≤100mm,tolerance ± 1.5mm

>100mm,tolerance ± 1.5%