

Technical Information
Refractories Castable

Behin Cast 70 LC

General Information:

Main raw material	Bauxite, Chamotte, CA Cement
Application method	Casting, Vibrating
Type of Bond	Hydraulic, Chemical
Shelf time	8 months

Chemical Analysis (%)

Al ₂ O ₃	70±2
SiO ₂	23±0.5
Fe ₂ O ₃	2±0.5
CaO	2.5±0.5

Physical Properties:

Bulk density (B.D)	2.7±0.1	g/cm ³
CCS after drying at 110 °C	600 – 850	kg/cm ²
CCS after firing at 1100 °C	650 – 900	kg/cm ²
Grain size	0 – 5	mm
Amount of water required	7 – 8	%
Refractoriness	1700	°C

The above data are subject to reasonable variations. ASTM and internal standards test methods are used.