



SILLIMANITE BRICK LS-70

Physical and chemical index

Item		LS-70
Chemical composition	Al ₂ O ₃	≥70
	SiO ₂	≤29
	Fe ₂ O ₃	≤1.0
Apparent Porosity%		≤24
Bulk Density g/cm ³		≥2.4
Cold Crushing Strength Mpa		≥60
0.2Mpa Refractoriness Under Load T _{0.6} °C		≥1650
Permanent Linear Change On Reheating (%) 1500°C X2h		±0.1
Thermal Shock Resistances 100°C water cycles		≥20
Reversible Thermal Expansion 1000°C		0.6
Pyrometric Cone Equivalent S.C. SK		38
Range of Application		Superstructure forehearth