



سوراوجین عقیق
SURAVAJIN AGHIGH

Non-Cement refractories Castables

جرم های ریختنی بدون سیمان نسوز

Products	Chemical Analysis (%wt)				Main Component	Application Method	Refractoriness (° C)	Required Water (%)	Grain Size (mm)	Bulk Density At 110 ° C (gr/cm ³)	C.C.S (Kg/cm ²)	
	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO							110 ° C	1100 ° C
Sura Cast 60 NC	60±2	35±2	1.5±0.5	< 1.2	Bauxite, Chamotte	Casting, Vibrating	1650	6.5 – 8	0 – 5	2.5±0.1	120 – 420	350 – 650
Sura Cast 65 NC	65±2	29±2	1.5±0.5	< 1.2	Bauxite, Chamotte	Casting, Vibrating	1680	6.5 – 8	0 – 5	2.6±0.1	150 – 450	450 – 750
Sura Cast 70 NC	70±2	24±2	1.5±0.5	< 1.2	Bauxite, Chamotte	Casting, Vibrating	1700	6 – 7.5	0 – 5	2.7±0.1	180 – 480	600 – 900
Sura Cast 75 NC	75±2	19±1	1.5±0.5	< 1.2	Bauxite, Chamotte	Casting, Vibrating	1730	6 – 7.5	0 – 5	2.75±0.1	180 – 480	600 – 900
Sura Cast 80 NC	80±2	14±1	1.5±0.5	< 1.2	Bauxite	Casting, Vibrating	>1730	5.5 – 7	0 – 5	2.8±0.1	200 – 500	650 – 950
Sura Cast 85 NC	85±2	10±1	1.5±0.5	< 1.2	Tabular, Bauxite	Casting, Vibrating	>1730	5.5 – 7	0 – 5	2.85±0.1	200 – 500	650 – 950
Sura Cast 90 NC	90±2	7±0.5	< 1.2	< 1	Tabular, Bauxite	Casting, Vibrating	>1800	5 – 6.5	0 – 5	2.9±0.1	250 – 550	700 – 1000
Sura Cast 95 NC	95±1	3.5±0.5	< 0.5	< 0.8	Tabular Alumina	Casting, Vibrating	>1800	5 – 6.5	0 – 5	3±0.1	250 – 550	750 – 1050
Standards	ISO 21587-2						ISO 825 ,1146	ASTM C860		ASTM C20	ASTM C133	