



سوراوجین عقیق
SURAVAJIN AGHIGH

Low Cement refractories Castables

جرم های ریختنی کم 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 50 LC	50±2	43±2	1.5±0.5	2.5±0.5	Chamotte	Casting, Vibrating	1550	9 – 10.5	0 - 5	2.35±0.1	300 – 500	350 – 550
SURA CAST 55 LC	55±2	39±2	1.5±0.5	2.5±0.5	Chamotte	Casting, Vibrating	1600	8.5 – 10	0 – 5	2.4±0.1	350 – 550	400 – 600
SURA CAST 60 LC	60±2	33±2	1.5±0.5	2.5±0.5	Bauxite, Chamotte	Casting, Vibrating	1650	8 – 9.5	0 - 5	2.5±0.1	400 – 600	450 – 650
SURA CAST 65 LC	65±2	28±2	1.5±0.5	2.5±0.5	Bauxite, Chamotte	Casting, Vibrating	1680	8 – 9.5	0 – 5	2.5±0.1	450 – 650	500 – 700
SURA CAST 70 LC	70±2	23±2	1.5±0.5	2.5±0.5	Bauxite, Chamotte	Casting, Vibrating	1700	7.5 – 9	0 - 5	2.7±0.1	500 – 700	550 – 750
SURA CAST 70 LC-T.A	70±2	24±2	1.5±0.5	2.5±0.5	Tabular, Andalusite	Casting, Vibrating	1700	7.5 – 9	0 – 5	2.7±0.1	450 – 650	500 – 700
SURA CAST 75 LC	75±2	18±1	1.5±0.5	2.5±0.5	Bauxite	Casting, Vibrating	1730	7.5 – 9	0 – 5	2.75±0.1	550 – 750	600 – 800
SURA CAST 75 LC-T.A	75±2	20±2	1±0.5	2.5±0.5	Tabular, Andalusite	Casting, Vibrating	1730	7.5 – 9	0 – 5	2.75±0.1	500 – 700	550 – 750
SURA CAST 80 LC	80±2	14±1	1.5±0.5	2.5±0.5	Bauxite	Casting, Vibrating	>1730	7 – 8.5	0 – 5	2.8±0.1	650 – 850	700 – 900
SURA CAST 80 LC-T.A	80±2	18±1	< 0.6	2±0.5	Tabular, Andalusite	Casting, Vibrating	>1730	7 – 8.5	0 – 5	2.8±0.1	600 – 800	650 – 850
SURA CAST 85 LC	85±2	8±1	1±0.5	2±0.5	Tabular, Bauxite	Casting, Vibrating	>1730	6.5 – 8	0 – 5	2.85±0.1	700 – 900	750 – 950
SURA CAST 85 LC-T.A	85±2	14±1	< 0.5	2±0.5	Tabular, Andalusite	Casting, Vibrating	>1730	6.5 – 8	0 – 5	2.85±0.1	650 – 850	700 – 900
SURA CAST 90 LC	90±2	6±0.5	< 1	2±0.5	Tabular, Bauxite	Casting, Vibrating	>1800	6 – 7.5	0 – 5	2.9±0.1	700 – 900	750 – 950
SURA CAST 92 LC	92±2	5±0.5	< 0.8	2±0.5	Tabular, Bauxite	Casting, Vibrating	>1800	5.5 – 7	0 – 5	2.9±0.1	750 – 950	800 – 1000
SURA CAST 94 LC	94±1	4±0.5	< 0.5	2±0.5	Tabular Alumina	Casting, Vibrating	>1800	5.5 – 7	0 – 5	2.95±0.1	750 – 950	800 – 1000
SURA CAST 95 LC	95±1	3±0.5	< 0.2	2±0.5	Tabular Alumina	Casting, Vibrating	>1800	5.5 – 7	0 – 5	3±0.1	750 – 950	800 – 1000
SURA CAST 96 LC	96±1	2±0.5	< 0.2	2±0.5	Tabular Alumina	Casting, Vibrating	>1800	5.5 – 7	0 – 5	3±0.1	800 – 1000	850 – 1050
SURA CAST 97 LC	97±1	< 1	< 0.2	2±0.5	Tabular Alumina	Casting, Vibrating	>1800	5 – 6.5	0 – 5	3.1±0.1	800 – 1000	850 – 1050
Standards	ISO 21587-2						ISO 825 ,1146	ASTM C860		ASTM C20	ASTM C133	