سوراوجین عقیق
SURAVAJIN AGHIGH

Self-Flow refractories Castables

جرم های ریختنی خود جاری شونده 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/cm2)	
	Al2O3	SiO_2	Fe_2O_3	CaO							110 °C	1100 °C
Sura Cast 60 SFC	60±2	34±2	1.5±0.5	2.5±0.5	Bauxite, Chamotte	Casting, Vibrating	1650	6.5 – 8	0 – 5	2.5±0.1	350 – 650	400 – 700
Sura Cast 65 SFC	65±2	27±2	1.5±0.5	2.5±0.5	Bauxite, Chamotte	Casting, Vibrating	1680	6.5 – 8	0 – 5	2.6±0.1	350 – 650	450 – 750
Sura Cast 70 SFC	70±2	22±2	1.5±0.5	2.5±0.5	Bauxite, Chamotte	Casting, Vibrating	1700	6 – 7.5	0 – 5	2.7±0.1	400 – 700	550 – 850
Sura Cast 75 SFC	75±2	18±1	1.5±0.5	2.5±0.5	Bauxite, Chamotte	Casting, Vibrating	1730	6 – 7.5	0 – 5	2.75±0.1	450 – 750	550 – 850
Sura Cast 80 SFC	80±2	14±1	1.5±0.5	2±0.5	Bauxite	Casting, Vibrating	>1730	5.5 – 7	0 – 5	2.8±0.1	500 – 800	600 – 900
Sura Cast 85 SFC	85±2	9±1	1.5±0.5	2±0.5	Tabular, Bauxite	Casting, Vibrating	>1730	5.5 – 7	0 – 5	2.85±0.1	500 – 800	650 – 950
Sura Cast 90 SFC	90±2	6.5±0.5	< 1	2±0.5	Tabular, Bauxite	Casting, Vibrating	>1800	5 – 6.5	0 – 5	2.9±0.1	550 – 850	700 – 1000
Sura Cast 95 SFC	95±1	3±0.5	< 0.2	1.5±0.5	Tabular Alumina	Casting, Vibrating	>1800	5 – 6.5	0 – 5	3±0.1	600 – 900	750 – 1050
Standards	ISO 21587-2						ISO 825 ,1146	ASTM C860		ASTM C20	ASTM C133	