



Medium Cement refractories Castables

جرم های ریختنی سیمان متوسط 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 MC	50±2	43±2	2±0.5	3±0.5	Chamotte	Casting, Vibrating	1550	8.5 – 10	0 – 5	2.35±0.1	350 – 550	350 – 550
SURA CAST 55 MC	50±2	40±2	2±0.5	3±0.5	Chamotte	Casting, Vibrating	1600	8 – 9.5	0 – 5	2.4±0.1	400 – 600	400 – 600
SURA CAST 60 MC	60±2	32±2	2±0.5	3±0.5	Bauxite, Chamotte	Casting, Vibrating	1650	7.5 – 9	0 – 5	2.5±0.1	450 – 650	450 – 650
SURA CAST 65 MC	65±2	29±2	1.5±0.5	3±0.5	Bauxite, Chamotte	Casting, Vibrating	1680	7.5 – 9	0 – 5	2.6±0.1	450 – 650	450 – 650
SURA CAST 70 MC	70±2	24±2	1.5±0.5	3±0.5	Bauxite, Chamotte	Casting, Vibrating	1700	7 – 8.5	0 – 5	2.7±0.1	500 – 700	500 – 700
SURA CAST 75 MC	75±2	18±1	1.5±0.5	3±0.5	Bauxite	Casting, Vibrating	1730	7 – 8.5	0 – 5	2.75±0.1	500 – 700	500 – 700
SURA CAST 80 MC	80±2	14±1	1.5±0.5	3±0.5	Bauxite	Casting, Vibrating	>1730	6.5 – 8	0 – 5	2.8±0.1	550 – 750	550 – 700
SURA CAST 85 MC	85±2	9±1	1.5±0.5	2.5±0.5	Tabular, Bauxite	Casting, Vibrating	>1730	6.5 – 8	0 – 5	2.8±0.1	550 – 750	550 – 750
SURA CAST 90 MC	88±2	6±0.5	< 1	2.5±0.5	Tabular, Bauxite	Casting, Vibrating	>1800	6 – 7.5	0 – 5	2.85±0.1	600 – 800	600 – 800
SURA CAST 92 MC	92±2	5±0.5	< 0.8	2.5±0.5	Tabular, Bauxite	Casting, Vibrating	>1800	6 – 7.5	0 – 5	2.9±0.1	600 – 800	600 – 800
SURA CAST 94 MC	94±1	3±0.5	< 0.5	2.5±0.5	Tabular Alumina	Casting, Vibrating	>1800	5.5 – 7	0 – 5	2.95±0.1	700 – 900	700 – 900
Standards	ISO 21587-2						ISO 825 ,1146	ASTM C860		ASTM C20	ASTM C133	