

Refractories Gunning Masses

جرم های پاشیدنی 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 GUN 35	35±2	45±2	5±1	9±1	Chamotte	Gunning	1300	At Nozzle	0 – 3	1.5±0.1	20 – 70	10 – 60
SURA GUN 45	45±2	41±2	3.5±1	7±0.5	Chamotte	Gunning	1450	At Nozzle	0 – 3	2±0.1	60 – 120	50 – 100
SURA GUN 50	50±2	36±2	2.5±0.5	7±0.5	Bauxite, Chamotte	Gunning	1550	At Nozzle	0 – 3	2.1±0.1	90 – 170	70 – 150
SURA GUN 55	55±2	31±2	2.5±0.5	7±0.5	Bauxite, Chamotte	Gunning	1600	At Nozzle	0 – 3	2.2±0.1	150 – 250	100 – 200
SURA GUN 60	60±2	31±2	2±0.5	5.5±0.5	Bauxite, Chamotte	Gunning	1650	At Nozzle	0 – 3	2.35±0.1	200 – 400	150 – 350
SURA GUN 70	70±2	21±2	1.5±0.5	4.5±0.5	Bauxite, Chamotte	Gunning	1700	At Nozzle	0 – 3	2.4±0.1	300 – 500	250 – 450
SURA GUN 75	75±2	21±2	< 1	1.5±0.5	Bauxite, Andalusite	Gunning	>1730	At Nozzle	0 – 3	2.5±0.1	300 – 500	250 – 450
SURA GUN 80	80±2	12±1	1.5±0.5	4.5±0.5	Tabular, Bauxite	Gunning	>1730	At Nozzle	0 – 3 0 – 5	2.55±0.1	350 – 550	300 – 500
SURA GUN 85	85±2	11±1	< 0.5	4.5±0.5	Tabular Alumina	Gunning	>1730	At Nozzle	0 – 3 0 – 5	2.6±0.1	400 – 600	350 – 550
SURA GUN 90	90±2	5.5±0.5	< 1	3±0.5	Tabular Alumina	Gunning	>1800	At Nozzle	0 – 3 0 – 5	2.65±0.1	450 – 650	400 – 600
SURA GUN 92	92±2	5.5±0.5	< 1	3±0.5	Tabular Alumina	Gunning	>1800	At Nozzle	0 – 3 0 – 5	2.7±0.1	450 – 650	400 – 600
Standards	ISO 21587-2						ISO 825 ,1146			ASTM C20	ASTM C133	