



سوراوجین عقیق  
SURAVAJIN AGHIGH

جرم های ریختنی عایق نسوز

## Insulating Refractories Castables

Products	Chemical Analysis (%wt)				Main Component	Application Method	Refractoriness (°C)	Required Water (%)	Grain Size (mm)	Bulk Density At 110 °C (gr/cm <sup>3</sup> )	C.C.S (Kg/cm <sup>2</sup> )	
	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO							110 °C	1100 °C
SURA LIGHT 800	36±2	44±2	1.5±0.5	16±1	Light weight aggregate	Casting, Vibrating, Gunning	1100	45 – 55	0 – 3 0 – 5	0.8±0.1	15 - 30	15 - 30
SURA LIGHT 900	33±2	48±2	6±0.5	12±1	Light weight aggregate	Casting, Vibrating, Gunning	1100	45 – 55	0 – 3 0 – 5	0.9±0.1	15 - 30	15 - 30
SURA LIGHT 1000	35±2	44±2	6.5±1	9.5±1	Light weight aggregate	Casting, Vibrating, Gunning	1100	30 – 35	0 – 3 0 – 5	1±0.1	15 - 30	15 - 30
SURA LIGHT 1000-LI	38±2	42±2	2±0.5	8.5±1	Light weight aggregate	Casting, Vibrating, Gunning	1100	30 – 35	0 – 3 0 – 5	1±0.1	15 - 30	15 - 30
SURA LIGHT 1100	38±2	34±2	7.5±0.5	14±1	Light weight aggregate	Casting, Vibrating, Gunning	1250	30 – 35	0 – 3 0 – 5	1.1±0.1	>40	>30
SURA LIGHT 1250	36±2	40±2	6.5±0.5	9.5±1	Light weight aggregate	Casting, Vibrating, Gunning	1200	25 – 30	0 – 3 0 – 5	1.25±0.1	20 - 40	30 - 50
SURA LIGHT 1250-LI	38±2	40±2	2±0.5	8.5±1	Light weight aggregate	Casting, Vibrating, Gunning	1200	25 – 30	0 – 3 0 – 5	1.25±0.1	20 - 40	30 - 50
SURA LIGHT 1500	38±2	38±2	6.5±1	9.5±1	Light weight aggregate	Casting, Vibrating, Gunning	1350	20 – 25	0 – 3 0 – 5	1.5±0.1	20 - 40	30 - 50
SURA LIGHT 1500-LI	44±2	40±2	2±0.5	8.5±1	Light weight aggregate	Casting, Vibrating, Gunning	1350	20 – 25	0 – 3 0 – 5	1.5±0.1	20 - 40	30 - 50
SURA LIGHT 1500 HS	44±2	41±2	1±0.5	10.5±1	Light weight aggregate	Casting, Vibrating, Gunning	1350	25 – 30	0 – 3 0 – 5	1.5±0.1	>70	>70
Standards	ISO 21587-2						ISO 825 ,1146	ASTM C860		ASTM C20	ASTM C133	