



# Castables

**AMI supply unshaped refractory from various materials, with properties of slag eroding resistance, high strength, spall resistant, stable.**

Material		Fireclay Castables		High Alumina Castables				Mullite Castable	Corundum Castables			SiC Castables		Alumina Carbohic Castables				AluminaMagnesian Castable			ZrO-Ram Mass	Light Weight Castables			Refractory Coat		Micro Swell mass
Items	Model	NC1	NC2	HA1	HA2	HA3	HA4	M1	HC1	HC2	HC3	SC1	SC2	AC1	AC2	AC3	AC4	AM1	AM2	AM3	ZS1	LW1	LW2	LW3	TM1	XS1	KS1
Chemical	Al <sub>2</sub> O <sub>3</sub> ≥	45	45	48	55	65	80	60	95	90	85			75	65	55	65	70	70	90	60	40	50	90			
Compos tion %	SiC ≥											85	75	10	15	20	10										
	MgO ≥																	12	15	6						85	
Refractoriness °C ≥		1730	1730	1750	1770	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1670	1690	1790	1690	1790	1790
Bulk Density g/cm <sup>3</sup> ≥		2.3	2.4	2.4	2.4	2.5	2.6	2.5	3.0	2.9	2.8	2.4	2.4	2.9	2.6	2.4	2.5	2.6	2.8	3.0		≤0.8	≤1.3	≤1.5	≤1.8	2.0	≤2.2
Compressi ve Strength MPa ≥	110°Cx24h	20	60	20	40	70	90	25	50	50	50	30	50	40	30	30	25	40	40	70	20	2	4	10	0.7	5	12
	3hr @°C Firing	45	75	50	60	80	100	60	60	70	80	65	80	80	60	60	55	60	60	110	30	7	15	15	2.0	10	40
Rupture Strength MPa ≥	110°Cx24h	4	8	5	6	8	10	5	8	7	5	3	15	7	7	5	5	6	7	8				3		2	4
Linear Variation Rate % @°C Firing		±0.5	±0.5	±0.5	±0.5	±0.5	±0.5	±0.3	±0.2	±0.2	±0.5	±0.2	±0.2	±0.5	±0.5	±0.5	±0.5	+1.0	+1.0	+0.5	±0.2	±1.0	±1.0	±0.5	±0.5	±1.5	±1.5
	1300	1300	1350	1400	1400	1450	1400	1500	1500	1500	1400	1400	1450	1450	1450	1400	1500	1500	1500	1300	1000	1200	1500	1500	1500	1400	
Properties	Stable,High Strength, Shockproof	Spall Resistent, Etching Resist,Wear Resistance,High refractoriness underload,Stable						Spall& Etching Resistent	High Density, good, Thermal properties, Etching & Slag Resist			Etching Resis Waer Risistance	High Strength, Etching Resistance,Eroding Resistance			Plasti-city, Erode Resist	High Strength, Volume Stable, Eroding Resistant,Spall & Etching Resistant			Etch Ing Resi Stant	GoodVolume Stability , Good Heat Preservation		Good Thermal Properties		Good Lay-on	High Stren gth	
Application	Industrial Furnace above 1000°C	Furnace Liner for furnace of steel, cement, petrochemical, Gasogene						Industrial Furnace Lining	Lining of key position of heattreatment furnace			Wear position of Furnace	Lander, tapping spoutl, Liner of cupola			Lan Der,	Whole casting of steel/iron container, lander			Glass Kiln	Masonry of Heat Preservation		Lin-ing	Lin-ing	Lin-ing	Liner	
Remark		Can be enhanced by steel fiber												Precast products or ramming mass				AMI: Magnesian, AM2/AM3: Spinel				Hollo wball			Re-pair		



For more details, please contact with us.

**AMI Enterprises**

Tel.: 0086 757 83030798 Fax: 82701478

E-mail: [info@amic.biz](mailto:info@amic.biz) [sales@amic.biz](mailto:sales@amic.biz)