

HIGH ALUMINA CASTABLE (HA)

Typical Parameters

Description		MCC			
		HA75	HA80	HA85	HA95
Service Temperature (°C)		<<1600	<<1650	<<1700	<<1750
Bulk Density (kg/m ³) Dried@110°C		2500	2600	2700	3000
CCS (Mpa)	110°C	65	70	90	95
	1100°C	55	60	80	85
	1500°C	80	85	100	110
MOR (Mpa)	110°C	10	11	12	13
	1100°C	9	9	10	12
	1500°C	11	12	13	15
Max Grain Size (mm)		3~6	3~6	3~6	3~6
Chemical Analysis (%)					
Al ₂ O ₃		>>75	>>80	>>85	>>95
Fe ₂ O ₃		<<2.5	<<2.0	<<1.8	<<1.2
Installation Procedures					
Mixer		Paddle	Paddle	Paddle	Paddle
Placement		V/T	V/T	V/T	V/T
Water/Mixing Temp(°C)		20±5	20±5	20±5	20±5
Mixing Time(Min): Dry/Wet		2/5	2/5	2/5	2/5
Water (%)		7~9	7~9	6~8	6~7

Note: Above are average typical test data subject to reasonable variations.

1.R-Rodding 2.V-Vibration 3.T-Tamping