

**INSULATING CASTABLE (IN)
Typical Parameters**

Description		MCC			
		IN08	IN12	IN14	IN15
Service Temperature (°C)		<<800	<<1100	<<1400	<<1700
Bulk Density (kg/m ³) Dried@110°C		800	1200	1400	1500
CCS (Mpa)	110°C	10	15	25	35
	1100°C	-	10	20	30
	1500°C				
MOR (Mpa)	110°C	3	4	5	6
	1100°C	-	3	4	5
	1500°C				
Max Grain Size (mm)		3~6	3~6	3~6	3~6
Chemical Analysis (%)					
Al ₂ O ₃		>>25	>>30	>>45	>>83
Fe ₂ O ₃		<<3.5	<<2.8	<<1.5	<<1.0
Installation Procedures					
Mixer		Paddle	Paddle	Paddle	Paddle
Placement		V	V	V	V
Water/Mixing Temp(°C)		20±5	20±5	20±5	20±5
Mixing Time(Min): Dry/Wet		1/3	1/3	1/3	1/3
Water (%)		30~35	30~35	30~35	30~35

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

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