

CONVENTIONAL CASTABLE (CC)

Typical Parameters

Description		MCC			
		CC45	CC55	CC60	CC65
Service Temperature (°C)		<<1400	<<1450	<<1500	<<1550
Bulk Density (kg/m ³) Dried@110°C		2200	2200	2300	2350
CCS (Mpa)	110°C	45	47	50	50
	1100°C	40	42	45	45
	1500°C	-	-	65	68
MOR (Mpa)	110°C	7	7	8	8
	1100°C	6	6	7	7
	1500°C	-	-	9	9
Max Grain Size (mm)		3~6	3~6	3~6	3~6
Chemical Analysis (%)					
Al ₂ O ₃		>>45	>>50	>>60	>>65
Fe ₂ O ₃		<<2.0	<<2.5	<<2.5	<<2.3
Installation Procedures					
Mixer		Paddle	Paddle	Paddle	Paddle
Placement		V/R/T	V/R/T	V/R/T	V/R/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 (%)		11~13	11~13	9~11	9~11

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

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