

PRODUCT	ACCRETE 65 M (0 – 3 mm)
PRODUCT CLASS:	REFRACTORY MONOLITHIC
TYPE	MULLITIC CASTABLE
NATURE OF BOND	HYDRAULIC
INSTALLATION	VIBRATION CASTING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE:	1700 °C
MAXIMUM GRAIN SIZE:	3 mm
WATER REQUIRED FOR CASTING:	6.0 – 8.0 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	62 – 67.5	66.50	BIS 12107 Part 3
Fe ₂ O ₃	0.70 – 1.0	0.92	BIS 12107 Part 6
CaO	5.0 – 5.50	5.35	ASTM C 573

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	2.35 – 2.45	2.40	BIS 10570
CCS, kg/cm ² after drying at 110 °C / 24 hrs	350 – 550	430	BIS 10570
after heating at 1100 °C / 3 hrs	350 – 500	400	BIS 10570
after heating at 1550 °C / 3 hrs	600 - 800	660	BIS 10570
% Retained on maximum size	0 – 5		BIS 1528 Part 14

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		> 36 / > 1804	BIS 1528 Part 1
PLC, % after heating at 1550 °C / 3 hrs	+1.50 to –0.5	+0.65	BIS 10570

Packaging: 25 kg bags

Delivery State: Dry

Storage Life: Best till 9 months from the date of production, if stored in proper condition.

Note:

(1) The data are current production averages. They can not be used as limits for specification.