

PRODUCT: MORTAR 30
PRODUCT CLASS: REFRACTORY MONOLITHIC
TYPE: 30 % ALUMINA MORTAR
NATURE OF BOND: CERAMIC

GENERAL PROPERTIES

Maximum Service Temperature: 1350 °C
 Sintering Temperature: 1100 °C
 Maximum Grain Size: 1.0 mm
 Water for Trowelling Consistency : 35 – 45 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al ₂ O ₃	28.0 – 33.0	31.0	BIS 12107 Part 3
Fe ₂ O ₃	2.5 – 3.5	2.85	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
% Retained Above Maximum Size	1 – 5	1.5	BIS 1528 Part 14

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Pyrometric Cone Equivalent, Orton / °C	---	23 / 1605	BIS 1528 Part 1

Packaging: 50 Kg Bags **Storage Life:** 12 Months **Delivery State:** Dry