

**PRODUCT:** FIRESET NORMAL  
**PRODUCT CLASS:** REFRACTORY MONOLITHIC  
**TYPE:** 30 % ALUMINA MORTAR  
**NATURE OF BOND:** CHEMICAL / CERAMIC

### **GENERAL PROPERTIES**

Maximum Service Temperature: 1000 °C  
 Sintering Temperature: 900 °C  
 Maximum Grain Size: 1.5 mm  
 Water for Toweling Consistency : 28 – 35 %

### **CHEMICAL ANALYSIS, %**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Al <sub>2</sub> O <sub>3</sub>	29.0 – 34.0	31.5	BIS 12107 Part 3
Fe <sub>2</sub> O <sub>3</sub>	3.0 – 4.5	3.8	BIS 12107 Part 6

### **PHYSICAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
% Retained Above Maximum Size	0 – 5	2.00	BIS 1528 Part 14

### **THERMAL PROPERTIES**

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Pyrometric Cone Equivalent, Orton / °C	---	15 / 1430	BIS 1528 Part 1

**Packaging:** 25 Kg Bags      **Storage Life:** 12 Months      **Delivery State:** Dry