

<b>PRODUCT:</b>	<b>ACCMON 60</b>
<b>PRODUCT CLASS:</b>	<b>REFRACTORY MONOLITHIC</b>
<b>TYPE:</b>	<b>60 % ALUMINA LC CASTABLE</b>
<b>NATURE OF BOND:</b>	<b>HYDRAULIC</b>
<b>INSTALLATION:</b>	<b>VIBRATION CASTING</b>

### **GENERAL PROPERTIES**

MAX. SERVICE TEMPERATURE:	1600 °C
MAXIMUM GRAIN SIZE:	6 mm
WATER REQUIRED FOR CASTING:	6.0 – 6.5 %

### **CHEMICAL ANALYSIS, %**

	<b>RANGE</b>	<b>TYPICAL VALUE</b>	<b>TEST PROCEDURE</b>
Al <sub>2</sub> O <sub>3</sub>	57 – 61	59.5	BIS 12107 Part 3
CaO	1.7 – 2.2	2.05	ASTM C 573
Fe <sub>2</sub> O <sub>3</sub>	1.0 – 1.5	1.35	BIS 12107 Part 6

### **PHYSICAL PROPERTIES**

	<b>RANGE</b>	<b>TYPICAL VALUE</b>	<b>TEST PROCEDURE</b>
Dry density, g / cc after drying at 110 °C / 24 hrs	2.50 – 2.62	2.52	BIS 10570
CCS, kg/cm <sup>2</sup> after drying at 110 °C / 24 hrs	670 – 770	725	BIS 10570
after heating at 1100 °C / 3 hrs	800 – 900	880	BIS 10570
after heating at 1500 °C / 3 hrs	950 – 1050	1015	BIS 10570
% Retained on maximum size	0 – 5	1	BIS 1528 Part 14

### **THERMAL PROPERTIES**

	<b>RANGE</b>	<b>TYPICAL VALUE</b>	<b>TEST PROCEDURE</b>
Refractoriness, Orton / °C		36 / 1804	BIS 1528 Part 1
PLC, % after heating at 1100 °C / 3 hrs	(- 0.30) to (+ 0.30)	-0.12	BIS 10570
after heating at 1500 °C / 3 hrs	(- 1.00) to (+ 1.00)	-0.70	BIS 10570

**Packaging: 25 kg bags**

**Delivery State: Dry**

**Storage Life:** Best till 6 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.
- (2) Extended Storage Life can be achieved when the product is supplied in 2 – pack.