



## **C-70 CALCINED ALUMINA**

### **Product Data Sheet**

#### **PRINCIPAL USES**

C-70 Calcined Alumina is used in the manufacture of fused alumina abrasives, high alumina refractories, enamel, porcelain, glass and ceramic fibers.

#### **CHARACTERISTICS**

C-70 is a lightly calcined low alpha phase product with relatively high loss on ignition that does not grind easily.

#### **CHEMICAL ANALYSIS**

(Percent on a dry $Al_2O_3$ basis)	TYPICAL	MAXIMUM	MINIMUM
$Al_2O_3$	98.7	-	98.27
$SiO_2$	0.010	0.023	-
$Fe_2 O_3$	0.007	0.016	-
$Na_2O$	0.36	0.65	-
Loss on Ignition (300-1000°C)	0.8	1.2	0.5
Alpha Phase	15.0	25.0	10.0

#### **PHYSICAL PROPERTIES**

Spherical Form (Tyler Std. Screen)	TYPICAL	MAXIMUM	MINIMUM
On 100 Mesh	3	11	-
On 200 Mesh	70	-	-
On 325 Mesh	93	-	90

**Specific Gravity** 3.6-3.8  
**Bulk Density** (Packed) 67-lbs./cu. ft. (Loose) 50-lbs./cu. ft.

#### **SHIPPING INFORMATION**

**Shipping Point** - Gramercy, Louisiana

**Containers** - Bulk Covered Hopper Cars (100 tons), Pneumatic Trucks (23 Tons)

**1 (800) 895-6767**

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