

# TECHNICAL DATA SHEET

Product / Chemical Name : Aluminum Oxide (Brown)

## SIZES IN TEST LOT

F16, F24, F36, F46, F54, F60, F70,  
F80, F100, F120, F150, F180, F200, F220,  
F280, F300, F330, F500

## PHYSICAL CHARACTERISTICS (TYPICAL)

<b>Bulk Density</b>	1.68-2.1 g/cm <sup>3</sup>
<b>Specific Gravity</b>	3.85 g/cm <sup>3</sup>
<b>Hardness (MOHs)</b>	9.0
<b>Color</b>	Brown
<b>Grain Shape</b>	Angular Grains
<b>Melting Point (apx)</b>	2250°C
<b>Solubility</b>	Insoluble in Water

## CHEMICAL ANALYSIS (TYPICAL %)

<b>Al<sub>2</sub>O<sub>3</sub></b>	95.0 % (min)
<b>SiO<sub>2</sub></b>	0.60 % (max)
<b>Fe<sub>2</sub>O<sub>3</sub></b>	0.15 % (max)
<b>CaO</b>	0.30 % (max)
<b>MgO</b>	0.20 % (min)
<b>TiO<sub>2</sub></b>	3.50 % (max)

*Our Strict Control of Quality is a Perfect Guarantee....*