



## **ADVANCED MINERALS CORPORATION**

130 Castilian Drive  
Santa Barbara, CA 93117  
Telephone: 888-355-8548

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# **TECHNICAL DATA**

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### **ACRYLUX™ 150** **For Ultra-High-Speed Polishing**

#### **TYPICAL PHYSICAL PROPERTIES**

Description	Amorphous aluminosilicate
Particle size distribution	
D <sub>10</sub> (µm)	87
D <sub>50</sub> (µm)	138
D <sub>90</sub> (µm)	214
Retained on 80 Mesh screen [5 by wt.]	3% Maximum
Specific gravity	2.2-2.4
Hardness (Mohs)	5.5
Melting point	1,945°F

#### **TYPICAL CHEMICAL PROPERTIES**

Silicon as SiO <sub>2</sub> [% (w/w)]	72.0
Aluminum as Al <sub>2</sub> O <sub>3</sub> [% (w/w)]	13.0
Iron as Fe <sub>2</sub> O <sub>3</sub> [% (w/w)]	0.7
Magnesium as MgO [% (w/w)]	<0.1
Calcium as CaO [% (w/w)]	0.7
Sulfur as SO <sub>3</sub> [% (w/w)]	<0.1
Sodium as Na <sub>2</sub> O [% (w/w)]	4.5
Potassium as K <sub>2</sub> O [% (w/w)]	5.0
Titanium as TiO <sub>2</sub> [% (w/w)]	0.1
Manganese as MnO <sub>2</sub> [% (w/w)]	0.1
H <sub>2</sub> O [% (w/w)]	1.1
LOI, dry basis [% w/w]	2.8

The physical or chemical properties of Advanced Minerals products represent typical, average values obtained in accordance with accepted test methods and are subject to normal, but highly controlled manufacturing variations. They are supplied as a technical service and are subject to change without notice. Technical data shown above are considered accurate and reliable, however, no guarantee is given nor intended.



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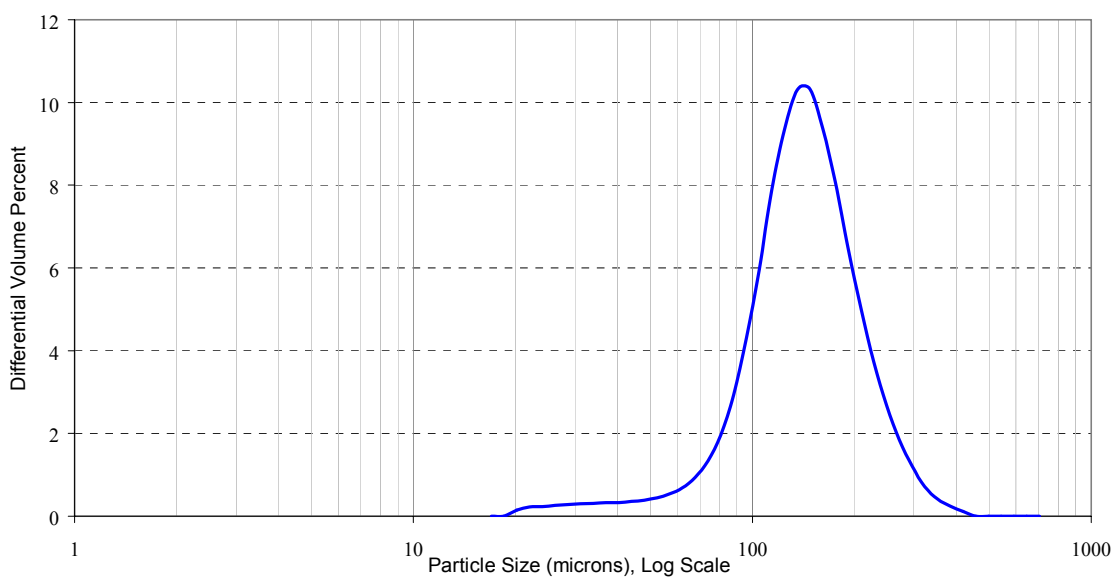
### **ACRYLUX™ 150** *For Ultra-High-Speed Polishing*

#### **SOLUBILITY PROPERTIES**

Solubility in water	Negligible
Solubility in weak acids	Negligible
Solubility in strong acid or alkali	Soluble at high temperature

#### **PARTICLE SIZE TRACE**

**Particle Size Distribution, Acrylux™ 150**



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