



## **CUSTOM GRINDERS SALES, INCORPORATED**

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# **POLYFILL 403SM DATA SHEET**

Polyfill 403SM is an alumina trihydrate product surface treated with a silane treatment. Polyfill 403SM allows higher loading levels and even distribution with out generating higher viscosities . Polyfill 403SM flows freely and disperses evenly during compounding. Polyfill 403SM is produced under Custom Grinders Sales, Inc. quality assurance program.

### **TYPICAL PHYSICAL PROPERTIES**

Average Particel Size (Microns)	3-4
Retained on 325 Mesh (%)	0.0
Retained on 200 Mesh (%)	0.0
Retained on 100 Mesh (%)	0.0
Oil Absorption (mil/100g)	40
Specific Gravity	2.42
Bulk Density, Loose (Lb/Ft <sup>3</sup> )	43
Bulk Factor (Gal/LB)	.0495
Free Moisture (%)	.30 max.
GE Brightness	92
Surface Treatment - Vinyl Silane	1% max

### **TYPICAL CHEMICAL PROPERTIES**

Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )	64.900
Silica (SiO <sub>2</sub> )	00.010
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	00.009
Soluble Soda (Na <sub>2</sub> O)	00.007
Loss on Ignition (H <sub>2</sub> O)	34.600

Statement-This information was based on tests conducted by Custom Grinders Sales, Inc. We believe this information to be reliable, but do not guarantee its accuracy, nor assume any liability arising out of its use. Our recommendation should not be taken as inducement to infringe any patent or violate any law, safety code, or insurance regulation. Data subject to change. 11/03.