

## FEATURES

- ▶ Controlled particle size and distribution
- ▶ Superior color

## BENEFITS

- ▶ Consistency in processing
- ▶ Enhanced long term heat stability
- ▶ Optimum balance of stiffness and impact

## SHIPPING INFORMATION

MICROTUFF® AG talcs ship from Barretts, MT

Product is available in 50 lb. bags, supersacks, and bulk rail.

For availability and minimum order quantity, contact customer service.

## SALES OFFICES

Barretts, MT  
800-336-9008

Bethlehem, PA  
800-801-1031

# MICROTUFF® AG

## Appearance Grade Talcs

MICROTUFF® AG talc products are produced in Barretts, Montana from an extensive deposit of high quality talc ore. These products are characterized by a platy shape, and closely controlled particle size distribution. MICROTUFF AG talc products are specifically designed for polymer applications where color of the finished part is of critical importance. In addition to superior color, polyolefin compounds filled with MICROTUFF AG talc products have enhanced long term heat stability when compared to compounds filled with unmodified talcs.

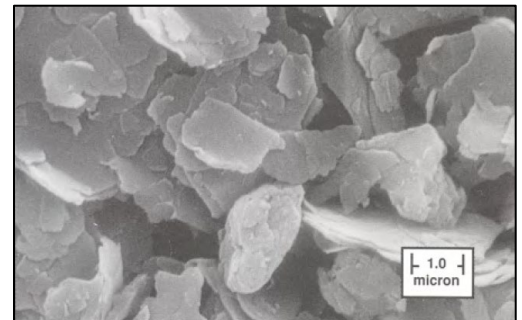
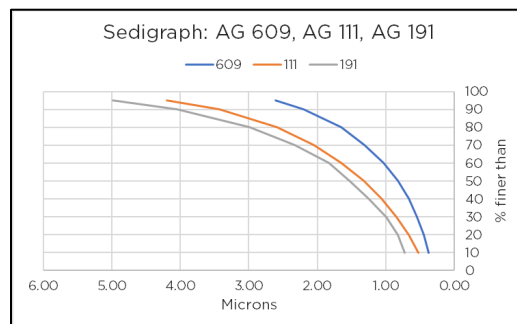
### Typical Properties

	609	111	191
Median Particle Size (d50) Microns by Sedigraph	0.8	1.1	1.8
Median Particle Size (d50) Microns by Malvern	3.7	4.7	5.3
Dry Brightness (Hunter Y, Rd Value) Bulk	90	89	89
Density (lbs./ft <sup>3</sup> )	6.4	7.5	9.5
Tap Density (lbs./ft <sup>3</sup> )	20	15.5	22.3
Specific Gravity	2.8	2.8	2.8
pH Value	8.8	8.8	8.8

### Chemical Composition

Silicon Dioxide:	SiO <sub>2</sub>	60%
Magnesium Oxide:	MgO	33%
Aluminum Oxide	Al <sub>2</sub> O <sub>3</sub>	1.0%
Iron as	Fe <sub>2</sub> O <sub>3</sub>	1.2%
Loss On Ignition: (1075°C ±25°C to constant weight)	L.O.I.	5.5%
Moisture: (% weight loss @ 110°C)	H <sub>2</sub> O	<0.5%

\*\*Values listed are typical, not to be considered as specifications of the product



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