

## CIMBAR CIMTUFF® 9103s Talc

Category : Ceramic , Oxide , Silicon Oxide , Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

CIMTUFF® 9103s talc is a treated talc produced from high purity ore, which provides low iron content, low surface area and superior color in dry form as well as when incorporated with resins. CIMTUFF® 9103s talc is primarily used in appearance and natural polypropylene, where improved tensile strength, flexural modulus, heat distortion temperature, increased stiffness, reduced shrinkage and lower compounding costs are required. The low level amino functional silane treatment helps aid dispersion and couple the mineral with various resin systems, most notably polyolefins. CIMTUFF® 9103s talc is platy, hydrophobic, non-abrasive and chemically inert. 9103s talc industrial applications include: thermoplastics, thermosets, TPOs, TPEs rubber compounds, adhesives, sealants and paints & coatings. Information provided by Cimbar Performance Minerals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_CIMBAR-CIMTUFF-9103s-Talc.php](http://www.lookpolymers.com/polymer_CIMBAR-CIMTUFF-9103s-Talc.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.78 g/cc	2.78 g/cc	
Bulk Density	0.256 g/cc	0.00926 lb/in <sup>3</sup>	Loose
	0.721 g/cc	0.0260 lb/in <sup>3</sup>	Tapped
Brightness	92 %	92 %	Hunter Y, Rd Value, dry
Oil Absorption	38 %	38 %	g oil/100 g filler; ASTM D281
Moisture Absorption at Equilibrium	0.30 %	0.30 %	
Loss On Ignition	6.0 %	6.0 %	
Particle Size	3.8 µm	3.8 µm	Median
pH	8.7	8.7	

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	1.0	1.0	

Optical Properties	Metric	English	Comments
Refractive Index	1.57	1.57	

Component Elements Properties	Metric	English	Comments
Al <sub>2</sub> O <sub>3</sub>	<= 1.0 %	<= 1.0 %	
CaO	<= 1.0 %	<= 1.0 %	

<small>Fe2O3</small> Component Elements Properties	<small>&lt;= 1.0 %</small> Metric	<small>&lt;= 1.0 %</small> English	Comments
MgO	30 %	30 %	
SiO2	60 %	60 %	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China