

## Malvern Minerals Wollastokup® FF Silane Treated Wollastonite

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

### Material Notes:

Wollastokup® is a custom, silane treated calcium metasilicate (wollastonite) which is used as a functional filler in coatings, plastics, rubber and others due in part to its acicular or "needle" shape. Within coatings, Wollastokup® improves the durability of the film, improves resistance to weathering, reduces gloss, acts as a flattening and suspending agent and reduces pigment consumption. In plastics, improvements in tensile and flexural strength along with reduction in resin consumption are among the many benefits within plastics. Additionally, improvements in thermal and dimensional stability at elevated temperatures are noted within plastics. Information provided by Malvern Minerals Company.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Malvern-Minerals-Wollastokup-FF-Silane-Treated-Wollastonite.php](http://www.lookpolymers.com/polymer_Malvern-Minerals-Wollastokup-FF-Silane-Treated-Wollastonite.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.90 g/cc	2.90 g/cc	
Oil Absorption	32 %	32 %	
Moisture Absorption at Equilibrium	<= 0.10 %	<= 0.10 %	
Particle Size	18 µm	18 µm	D50
pH	9.0 - 10	9.0 - 10	

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	4.0 - 5.0	4.0 - 5.0	

Thermal Properties	Metric	English	Comments
Melting Point	838 °C	1540 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.63	1.63	

Component Elements Properties	Metric	English	Comments
Al2O3	0.25 %	0.25 %	
CaO	46.5 %	46.5 %	
Fe2O3	0.20 %	0.20 %	
Loss on Ignition(%)	<= 1.0 %	<= 1.0 %	Inorganic
MgO	0.20 %	0.20 %	

Component Elements Properties	Metric	English	Comments
-------------------------------	--------	---------	----------

Descriptive Properties	Value	Comments
------------------------	-------	----------

Color	White Powder	
-------	--------------	--

## 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