

## CIMBAR FlexTalc® 1222 Ultrafine Talc for TPO Applications

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

### Material Notes:

Cimbar Performance Minerals' FlexTalc® products are an ultrafine talc product line specifically engineered for use in high performance TPO applications. FlexTalc® products are made by a proprietary process that results in talc products which have very high aspect ratios, are easily dispersed, provide heat aging and offer compounded color. They are available in powder and densified (D) forms. Information provided by Cimbar Performance Minerals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_CIMBAR-FlexTalc-1222-Ultrafine-Talc-for-TPO-Applications.php](http://www.lookpolymers.com/polymer_CIMBAR-FlexTalc-1222-Ultrafine-Talc-for-TPO-Applications.php)

| Physical Properties                | Metric     | English                    | Comments                      |
|------------------------------------|------------|----------------------------|-------------------------------|
| Specific Gravity                   | 2.78 g/cc  | 2.78 g/cc                  |                               |
| Bulk Density                       | 0.192 g/cc | 0.00694 lb/in <sup>3</sup> | Loose                         |
| Brightness                         | 70 %       | 70 %                       | wet                           |
|                                    | 94 %       | 94 %                       | Hunter Rd, dry                |
| Oil Absorption                     | 58 %       | 58 %                       | g oil/100 g filler; ASTM D281 |
| Moisture Absorption at Equilibrium | 0.50 %     | 0.50 %                     |                               |
| Loss On Ignition                   | 7.5 %      | 7.5 %                      |                               |
| Particle Size                      | 2.5 µm     | 2.5 µm                     | D50                           |
|                                    | <= 11 µm   | <= 11 µm                   | PSD 98%                       |
| pH                                 | 8.7        | 8.7                        |                               |

| Component Elements Properties | Metric   | English  | Comments |
|-------------------------------|----------|----------|----------|
| Al2O3                         | <= 1.0 % | <= 1.0 % |          |
| CaO                           | <= 1.0 % | <= 1.0 % |          |
| Fe2O3                         | <= 1.0 % | <= 1.0 % |          |
| 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**