

## Omya OMYAFLOW® F - SY Calcium Carbonate

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

**Material Notes:**

A high purity, fine, wet ground natural calcium carbonate available in slurry form. Applications: Decorative paints. Information supplied by Omya North America.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Omya-OMYAFLOW-F-SY-Calcium-Carbonate.php](http://www.lookpolymers.com/polymer_Omya-OMYAFLOW-F-SY-Calcium-Carbonate.php)

| Physical Properties   | Metric                         | English                        | Comments               |
|-----------------------|--------------------------------|--------------------------------|------------------------|
| Specific Gravity      | 1.88 g/cc                      | 1.88 g/cc                      |                        |
| Density               | 1.876 g/cc                     | 0.06779 lb/in <sup>3</sup>     | Slurry                 |
| Solids Content        | 74 %                           | 74 %                           | as Supplied            |
| Brightness            | 96 %                           | 96 %                           | Y - Brightness (dry)   |
| Particle Size         | 1.4 µm                         | 1.4 µm                         | Median Diameter        |
| Specific Surface Area | 7.0 m <sup>2</sup> /g          | 7.0 m <sup>2</sup> /g          |                        |
| Brookfield Viscosity  | 200 cP<br>@Temperature 25.0 °C | 200 cP<br>@Temperature 77.0 °F | No. 3 Spindle, 100 rpm |

| Descriptive Properties            | Value                           | Comments |
|-----------------------------------|---------------------------------|----------|
| Calcium Carbonate %               | 98                              |          |
| FDA                               | 21 CFR 174.5, 175.300, 178.3297 |          |
| Magnesium Carbonate %             | 1                               |          |
| Percent Finer than 1 Microns      | 40                              |          |
| Percent Finer than 2 Microns      | 60                              |          |
| Pounds Pigment/gallon (slurry)    | 11.59                           |          |
| Pounds Pigment/Solid Gallon (dry) | 11.59                           |          |
| Retained in 325 mesh (dry) ppm    | 2                               |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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