

## Aremco Glass-Coat™ SGC4000 High Temperature Specialty Coatings Silicone-Glass

Category : Ceramic , Glass , Other Engineering Material , Ceramic/Metallic Coating

### Material Notes:

Silicone-glass-ceramic, gray, low viscosity, scratch resistant coating for stainless steel to 900°F (482°C)

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aremco-Glass-Coat-SGC4000-High-Temperature-Specialty-Coatings-Silicone-Glass.php](http://www.lookpolymers.com/polymer_Aremco-Glass-Coat-SGC4000-High-Temperature-Specialty-Coatings-Silicone-Glass.php)

| Physical Properties                      | Metric         | English        | Comments  |
|--|----------------|----------------|-----------|
| Specific Gravity                         | 1.59 g/cc      | 1.59 g/cc      |           |
| Solids Content                           | 55.5 %         | 55.5 %         | by volume |
|  | 74 %           | 74 %           | by weight |
| Volatile Organic Compounds (VOC) Content | 419 g/l        | 419 g/l        |           |
| Viscosity                                | 40 - 80 cP     | 40 - 80 cP     |           |
| Thickness                                | 25.4 microns   | 1.00 mil       | Dry Film  |
|  | 67.1 microns   | 2.64 mil       | Wet Film  |
| Storage Temperature                      | 4.44 - 32.2 °C | 40.0 - 90.0 °F |           |

| Thermal Properties               | Metric  | English | Comments   |
|----------------------------------|---------|---------|------------|
| Maximum Service Temperature, Air | 482 °C  | 900 °F  | Continuous |
| Flash Point                      | 36.0 °C | 96.8 °F |            |

| Electrical Properties | Metric     | English    | Comments |
|-----------------------|------------|------------|----------|
| Dielectric Strength   | 39.4 kV/mm | 1000 kV/in | DC       |
|                       | 39.4 kV/mm | 1000 kV/in |          |

| Processing Properties  | Metric                           | English                           | Comments                            |
|------------------------|----------------------------------|-----------------------------------|-------------------------------------|
| Processing Temperature | 10.0 - 48.9 °C                   | 50.0 - 120 °F                     | Application Temperature             |
| Cure Time              | 15.0 min                         | 0.250 hour                        | Air Set prior to curing             |
|                        | 30.0 min<br>@Temperature 93.3 °C | 0.500 hour<br>@Temperature 200 °F | 0.25 hr at 480°F, 0.20 hr at 1000°F |
| Shelf Life             | 6.00 Month                       | 6.00 Month                        | 40 - 90 °F                          |

| Processing Properties                  | Metric | English    | Comments |
|--|--------|------------|----------|
| Descriptive Properties                 |        | Value      | Comments |
| Color                                  |        | Light Grey |          |
| Dry Film Coverage ft <sup>2</sup> /gal |        | 890        | at 1 mil |
| Thinner                                |        | Ethanol    |          |

## 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