

Aremco Aremco-Seal™ 4030 High Temperature Specialty Coatings Silicone, Ceramic Filled

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Translucent-white, low-viscosity sealer for porous materials to 900°F (482°C)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Aremco-Seal-4030-High-Temperature-Specialty-Coatings-Silicone-Ceramic-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	
Solids Content	43.3 %	43.3 %	by volume
	55.8 %	55.8 %	by weight
Volatile Organic Compounds (VOC) Content	104.2 g/l	104.2 g/l	
Viscosity	50.0 - 100 cP	50.0 - 100 cP	
Thickness	25.4 microns	1.00 mil	recommended dry film thickness
	58.7 microns	2.31 mil	estimated wet film thickness
Storage Temperature	12.8 - 29.4 °C	55.0 - 85.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	482 °C	900 °F	Continuous
Flash Point	>= 100 °C	>= 212 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	<= 29.5 kV/mm	<= 750 kV/in	

Processing Properties	Metric	English	Comments
Processing Temperature	10.0 - 48.9 °C	50.0 - 120 °F	Application Temperature
Cure Time	>= 6.00 min	>= 0.100 hour	Air Set prior to curing
	45.0 min	0.750 hour	Adequate ventilation is required when curing these products. Outgassing will occur above 300°F and cease after 750°F. An additional 30 minutes is required at the highest service temperature if service temperature is below 750°F.
	@Temperature 232 °C	@Temperature 450 °F	

Shelf Life Processing Properties	6.00 Month Metric	6.00 Month English	Comments
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Descriptive Properties	Value	Comments
Color	Translucent-White	
Dry Film Coverage ft2/gal	695	at 1 mil
Thinner	Butyl Cellosolve/Water	

Contact Songhan Plastic Technology Co.,Ltd.

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