

Aremco Aremco-Seal™ 529HV High Temperature Specialty Coatings Silicone

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

High viscosity version, transparent silicone sealer with exceptional electrical and moisture resistance to 600°F (316°C). Ideal for use in cartridge heaters.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Aremco-Seal-529HV-High-Temperature-Specialty-Coatings-Silicone.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.09 g/cc	1.09 g/cc	
Solids Content	69 %	69 %	by volume
	74.9 %	74.9 %	by weight
Volatile Organic Compounds (VOC) Content	273 g/l	273 g/l	
Viscosity	1200 - 1600 cP	1200 - 1600 cP	
Thickness	25.4 microns	1.00 mil	recommended dry film thickness
	36.8 microns	1.45 mil	estimated wet film thickness
Storage Temperature	4.44 - 32.2 °C	40.0 - 90.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	316 °C	600 °F	Continuous
Flash Point	27.8 °C	82.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Breakdown	>= 430 V	>= 430 V	

Processing Properties	Metric	English	Comments
Processing Temperature	10.0 - 32.2 °C	50.0 - 90.0 °F	Application Temperature
Cure Time	30.0 - 60.0 min	0.500 - 1.00 hour	Air Set prior to curing
	30.0 - 60.0 min	0.500 - 1.00 hour	at 200°F; 0.75-1 hr at 480°F
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
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Color Descriptive Properties	Clear Value	Comments
Dry Film Coverage ft2/gal	1106	at 1 mil
Thinner	MEK	

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