

## Dow Corning SE 1880

Category : Polymer , Adhesive , Thermoset , Silicone

### Material Notes:

One-part, transparent gel, heat cure, low temperature capable. Information provided by Dow Corning

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-Corning-SE-1880.php](http://www.lookpolymers.com/polymer_Dow-Corning-SE-1880.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	800 cP	800 cP	dynamic

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	85	85	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	
Minimum Service Temperature, Air	-80.0 °C	-112 °F	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.75	2.75	
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dielectric Strength	20.0 kV/mm	508 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 150 °C	@Temperature 302 °F	

Descriptive Properties	Value	Comments
Appearance	clear	
Color	blue	

Descriptive Properties	Value	Comments
Gel Hardness (Grams/Penetration)	65	
Hydrophobic	yes	
Self Leveling	yes	
Water Resistant	yes	

## Contact Songhan Plastic Technology Co.,Ltd.

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