

ThermoSink 10

Thermally Conductive Potting Silicone

TECHNICAL DATA June 2015

Product Description

ThermoSink 10 is a two-component, low viscosity thermally conductive silicone elastomer that cures rapidly at room temperature. It is designed for electrical potting and/or thermal interfacial applications where moderate thermal management is required.

APPLICATIONS	FEATURES	SUBSTRATES	PACKAGING
<ul style="list-style-type: none"> Automotive, ATV's Electronic Assembly Power Supplies 	<ul style="list-style-type: none"> Thermally Conductive Water Resistant Fast Set, RT Cure RoHS Compliant 	<ul style="list-style-type: none"> Engineered Plastic Metal Ceramic Glass 	<ul style="list-style-type: none"> 25KG plastic pails

TYPICAL PROPERTIES OF UNCURED MATERIAL		
Property	Value, Part A	Value, Part B
Chemical Class	Silicone	Silicone
Appearance	Grey	White
Viscosity, 30 RPM, cps	3,000 - 6,000	1,000 - 2,000
Typ. Mixed Viscosity, 10RPM, cps	3,000 - 5,000	
Mixed Specific Gravity (g/cc)	1.8 - 2.2	
Mix Ratio By Volume	1	1

TYPICAL PROPERTIES OF CURED MATERIAL	
Property	Value
Thermal Conductivity (w/mK)	>1.0
Flammability	V1
Hardness (Shore A)	50 - 60

*All properties indicate typical values which are not meant to be used for preparing specifications.

PROCESSING	
Pot Life	10 minutes
Cure Options	30 - 60 minutes @ RT <5 minutes at 125°C
Clean-Up Solvent	Isopropyl Alcohol

SHELF LIFE, STORAGE

18 ± 10°C 1 Year DOM

THIS MATERIAL IS SOLD FOR INDUSTRIAL USE ONLY

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