

GT-MB-1600-02

Soft, Silicone Gel

TECHNICAL DATA

April 2015

Product Description

GT-MB-1600-02 is a two-component, low viscosity, flame-retarded, silicone that becomes a very soft gel upon curing. It is designed to isolate electronics from moisture ingress as well as provide stress relief and vibration dampening. It is also easily removed for repairing encapsulated components.

APPLICATIONS	FEATURES	SUBSTRATES	PACKAGING
<ul style="list-style-type: none"> Automotive Electronic Assembly Power Supplies 	<ul style="list-style-type: none"> Flame Retarded 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"> 5gal plastic pails

TYPICAL PROPERTIES OF UNCURED MATERIAL

Property	Value, Part A	Value, Part B
Chemical Class	Silicone	Silicone
Appearance	Gray	Clear
Viscosity, 20 RPM, cps	10,000 - 20,000	1,500 - 3,000
Mixed Viscosity, 20 RPM, cps	6,000 - 12,000	
Mixed Specific Gravity (g/cc)	1.1	
Mix Ratio By Volume	1	1

TYPICAL PROPERTIES OF CURED MATERIAL

Property	Value
Flammability (UL 94 as tested, 3.0mm thick sample)	HB
Hardness (Shore OO)	N/A
Texture Analyzer Hardness (g)	55

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

PROCESSING

Pot Life	3.0 Hrs	
Cure Options	4 - 5hrs hours @ RT (22°C)	5 min @125°C
Clean-Up Solvent	Isopropyl Alcohol	

SHELF LIFE, STORAGE CONDITIONS

1 Year DOM, 18 ± 10°C

THIS MATERIAL IS SOLD FOR INDUSTRIAL USE ONLY

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