



Product description	GB-100 product is one component silicone compounds with high thermal conductivity
Applications	GB-100 is applied between heat generating device and heat sink/heat spreader, and extendable for other applications such as power modules, CPUs & peripheral devices for computers, displays, etc.
Key performance properties	<p>GB-100 should be operated under a temperature range between -45 ~ 150°C.</p> <p>Low target BLT</p> <p>Good workability</p> <p>One component</p> <p>Low viscosity</p> <p>Non curing</p> <p>Low oil bleed</p>

Typical Property Data

Typical properties	Property	Value
	Uncured compound	
	Appearance	Paste
	Color	Gray
	Viscosity (mPa.s)	130,000
	Specific Gravity (25°C)	3.5
	Volatile contentat 100°C* 24hrs (%)	0.17
	Volatile contentat 150°C* 24hrs (%)	0.42
	Thermal Conductivity (W/m.K)	3
	Volume Resistivity (ohm-cm)	$1 * 10^{14}$

※ Notice Typical property data values should not be used as specifications.

Storage and packaging

Remarks

Handling	Wear eye protection and protective gloves when handling this product.
Precautions	<p>GB series are recommended to remix before use.</p> <p>Use it within 9 months from the day of manufacture.</p> <p>Store in a cool dry place out of direct sunlight.</p> <p>Keep out of the reach of the children.</p>
Warranty information	The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KCC's products are safe, effective, and fully satisfactory for the intended end use. KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted. KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.
1'st issue	2018-11-21
Revision	2019-06-03

※ Please refer to MSDS if you want to know more specific usage or caution. For further information, please see our website, www.kccworld.co.kr

