

IS 5128 E

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Description

IS 5128 E adhesive/sealant is a one component neutral RTV which quickly cure to form elastic, flexible silicone rubbers. This product is specially developed to be non-corrosive to metals including copper and copper alloys, coupled with fast cure. IS 5128 E has a thixotropic paste consistency, excellent dielectric properties and excellent primerless adhesion to plastics like polycarbonate, which make these materials ideal for electronic applications as well as for sealing bonding high performance plastics.

Key Features and Benefits

- non-corrosive to metals
- fast cure
- non-acid cure, low smell, no irritating vapours
- compatible with polycarbonate
- excellent dielectric properties
- temperature -50° to +150° C

Typical Physical Properties

Typical Uncured Properties

		5128 E
Colour		Translucent
Density	g/cm ³	1.03
Tack Free Time	minutes	10
Consistency		Paste
Application rate, 6mm orifice/2bar	g/min	250

Typical Cured Properties

Property	Test Method	Unit	Typical value
Hardness	DIN 53505	Shore A	20
E Mod @ 100%	DIN 53504	MPa	0.35
Tensile Strength	DIN 53504	MPa	1.7
Elongation	DIN 53504	%	550
Dielectric Strength		kV/mm	25
Dielectric Constant (50 Hz)			2.8
Dissipation Factor (50 Hz)			0.005
Volume Resistivity		ohm·cm	1x1015

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Contact Information

For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

For literature and technical assistance, visit our website at: www.momentive.com

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