

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	1x10 ¹⁵

Patent Status

Standard copy to come

Product Safety, Handling and Storage

Standard copy to come

Limitations

Standard copy to come

Contact Information

Email

commercial.services@momentive.com

Telephone

Americas

Latin America

**EMEAI- Europe, Middle
East, Africa & India**

ASIA PACIFIC

+1 800 295 2392	Brazil	Europe	China
Toll free*	+55 11 4534 9650	+390510924300	800 820 0202
+704 805 6946	Direct Number	Direct number	Toll free
Direct Number			+86 21 3860 4892
			Direct number
*All American countries	Mexico	India, Middle East & Africa	Japan
	+52 55 2169 7670	+ 91 44 71212207	+81 3 5544 3111
	Direct Number	Direct number*	Direct number
		*All Middle Eastern countries, Africa, India,	Korea
			+82 2 6201 4600

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