

Technical Data:

Issued: July 2002
Revision 2: Dec. 2018, Page: 1

EP GP 5LV

Fast Curing Adhesive for General Purposes

Product Description

EP GP 5LV is a two component fast curing low viscosity epoxy adhesive displaying good adhesion to metals, plastic materials and ceramics. EP GP 5 is a semi flexible and has thermal shock resistance over a medium range of temperatures.

Features & Benefits

- Fast cure
- Low viscosity
- Thermal shock resistivity
- Easy to mix @ 1:1 ratio

Applications

Multipurpose adhesive, where a fast curing is needed. Bonding electronics components and other articles.

Typical Uncured Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Appearance/Color	Base Hardener	Clear Clear
Viscosity @ 25°C, mPa*s per ASTM-D-2393	Base Hardener	700-1200 3,000-5,000
Density @ 25°C, g/cm³	Base Hardener	1.12 1.11
Mix Ratio A:B, (vol.)	1:1	
Mix Viscosity @ 25°C, mPa*s per ASTM-D-2393	1500-2500	

Technical Data:

Issued: July 2002
Revision 2: Dec. 8 Page: 2

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Typical Cured Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Color*	Translucent
Hardness, Shore D	70-75
Open time @ 25°C, 10 g mixed, min	4-6
Functional cure time @ 25°C, hr	2-4
Final Cure time @ 25°C, hr	24-48
Lap Shear Strength @ 25°C, etched Al, MPa	15-18
HDT, °C	35
Service Temperature	-30°C to 90°C

*) Color may vary from white to yellow

Storage

Store product at 15-35°C for maximum shelf life.

Packaging

50 ml 1:1 duo-pack container

Shelf Life

The product has a shelf- life of 12 months in their unopened original bulk containers and 12 months in Duo-Pack containers.

Limitation of Liability

Except where prohibited by law, Polymer-G and seller will not be liable for any loss or damage arising from the Polymer-G product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.