

**Technical Data:**

Issued: May 2014  
Revision: Feb 2016, Page: 1

**EP GP 30LV**

Two-component Semi-flexible Epoxy Adhesive

**Product Description**

EP GP 30LV is a two-component semi-flexible epoxy adhesive displaying excellent adhesion to metals, wood, plastic materials and ceramics. EP GP 30LV has thermal shock resistance over a medium range of temperatures.

**Features & Benefits**

- High adhesion properties
- Thermal shock resistivity
- Good electrical properties
- Semi-flexible
- Easy to mix @ 1:1 ratio
- VOC free

**Applications**

Multipurpose structural adhesive.

**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.

<b>Base Resins</b>	Base (A) Hardener (B)	Epoxy Amines and Mercaptan terminated polymer
<b>Appearance/Color</b>	Base (A) Hardener (B)	Clear Yellowish
<b>Viscosity @ 25°C, mPa*s</b> per ASTM-D-2393	Base (A) Hardener (B)	500-800 15,000-25,000
<b>Density @ 25°C, g/cm<sup>3</sup></b>	Base (A) Hardener (B)	1.09 ± 0.02 1.03 ± 0.02
<b>Mix Ratio A:B, (vol.)</b>	1:1	
<b>Mix Viscosity @ 25°C, mPa*s</b> per ASTM-D-2393	3,000-6,000	

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**Typical Cured Properties**

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<b>Color</b>	amber
<b>Open time, @ 25°C, min</b>	30-40
<b>Tack-free time, @ 25°C, hr</b>	2-3
<b>Curing in 1mm layer @ 25°C, hr</b>	3-4
<b>Final curing @ 25°C, hr</b>	24
<b>Hardness, Shore D</b>	60-70
<b>Lap Shear Strength @ 25°C, MPa</b> etched Al	18-20
<b>Service Temperature, °C</b>	-30 to 90

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<b>Storage</b>	Store products at 15-35°C for maximum shelf life.
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<b>Packaging</b>	50 ml and 300 ml 1:1 Duo-Pack cartridges
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<b>Shelf Life</b>	These products have a shelf- life of 12 months in their unopened original bulk containers and 12 months in Duo-Pack cartridges.
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<b>Limitation of Liability</b>	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.
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