

Technical Data:

Issued: July 2002
Revision 1: May 2018, Page: 1

EP GP 20DV

Fast Curing Adhesive for General Purposes

Product Description

EP GP 20DV is a fast curing 1:1 mix ratio unfilled epoxy adhesive displaying good adhesion to metals, plastic materials and ceramics.

Features & Benefits

- Fast cure
- High shear
- Moderate viscosity
- 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 amber
Viscosity @ 25°C, mPa*s per ASTM-D-2393	Base Hardener	12,000-15,000 30,000-50,000
Density @ 25°C, g/cm³	Base Hardener	1.1 1.0
Mix Ratio A:B, (vol.)	1:1	
Mix Viscosity @ 25°C, mPa*s per ASTM-D-2196	20,000-30,000	
Open time @ 25°C, 10g, min	10-15	
Tack-free time @ 25°C, hr	2-3	
Cure time @ 25°C, hr	12	

Technical Data:

Issued: July 2002

Revision 1: May 2018, Page: 2

EP GP 20V

Fast Curing Adhesive for General Purposes

**Cured Properties
after 7 days**

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

Hardness, Shore D	76
Lap Shear Strength @ 25°C, etched Al, MPa	17
Heat Distortion Point, °C	42°C
Working temperature, °C	-40 to 90

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.