

Technical Data:

Issued: July 2013
Revision 3: January 2021, Page: 1

EP 333 HDV

Self-extinguishing two-component thixotropic epoxy adhesive

Product Description

EP 333 HDV is a two- part self-extinguishing flame retardant ambient temperature curing epoxy adhesive displaying good adhesion to metals, ceramics and plastic materials.

Features & Benefits

- Self-extinguishing, conforms to UL-94 V-0
- Easy-to-use 4:1 mix ratio
- RT curing
- Excellent electrical properties
- Good adhesion properties
- Thixotropic

Applications

Bonding and sealing metals, plastics. Well-suited for electronic and electric engineering.

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.

Base Resins	Base (A) Hardener (B)	Epoxy Resin Polyamide Resins
Appearance/Color	Base (A) Hardener (B)	black amber
Viscosity @ 25°C, mPa*s, ASTM-D-2393	Base (A) Hardener (B)	100000-200000 6000-9000
Density, g/cm³ @ 25°C	Base (A) Hardener (B)	1.65 ± 0.05 1.0 ± 0.03
Mix Ratio (A:B), by weight	100:15	

Technical Data:Issued: July 2013
Revision 3: January 2021, Page: 1**EP 333 HDV**

Self-extinguishing two-component thixotropic epoxy adhesive

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	black
Hardness, Shore D	75-80
Gel Time (50g @ 25°C), min	40-80
Hardening (2mm layer @ 25°C), hr	3-4
Curing @ 23°C, hr	24
Final Curing @ 23°C	>7 days
Hardness, Shore D	75-80
Lap Shear Strength, MPa	18-21
Flammability acc.to	UL 94-V-0
Operating Temperature	-40°C to 110°C

Storage

Store products at 15-30°C for maximum shelf life.

Packaging

4:1 50cc dual cartridges

Shelf Life

These products have a shelf life of 12 months in unopened dual cartridges

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.