

DV-EP100

Fast Curing adhesive for General Purposes

DESCRIPTION

DV-EP100 is a two component, semi flexible epoxy glue displaying excellent adhesion to metals and ceramics. The DV-EP100 has thermal shock resistance over a medium range of temperatures and its flexibility avoids any deformation between the adhesive articles.
 The DV-EP100 is available in yellowish/ black colors.

PROPERTIES - UNCURED

	A	B
Color, visual	clear	Clear-yellow or black
Specific Gravity, g/cm ³	1.15 +/- 0.02	1 +/- 0.03
Viscosity, ASTM-D-2393 (cps @ 25°C)	6000-9000	9000-12000
Mix Ratio, (valium)		1:1
Set time @ 25°C, min.....		4-6
Curing Time 1 mm thickness @ 25°C....		3-4 hrs.
Shelf Life, months.....	12	12

PROPERTIES CURED

	Test Methods	Limits
Tensile lap shear, st/st, kg/cm ²		180-190
Tensile lap shear kg/cm ²	ASTM-D-1002	150-160
Service Temperature. (°C).....	ASTM-D-794	-20 to +80
Hardness, Shore D.....	ASTM-D-2240	65-68
Izod Impact (J/cm).....	ASTM-D-226	3
Dielectric Strength kV/mm.....	ASTM-D-149	18
Volume resistivity, Ohm-cm.....	ASTM-D-257	10 ¹⁴
Flexibility.....		Semi-Flexible

PACKAGING

DV-EP100 supplied in dual pack cartridges 25x2ml or 150x2ml, as well as in bulk 1 or 5 kg per pail.

Ordering Information:

- DV-EP100-50 – Clear -yellowish, duo-pack 2x25ml
- DV-EP100-50B – Black, duo-pack 2x25ml
- DV-EP100-300 – Clear -yellowish, duo-pack 2x150ml
- DV-EP100-1KG - Clear -yellowish, duo-pack 0.5Kg + 0.5Kg metal pails



Devtec Technological Adhesives Ltd.

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