

DV-EP125

Semi rigid adhesive for general purposes

DESCRIPTION

DV-EP125 is a two component, semi rigid epoxy glue displaying excellent adhesion to metals and ceramics. The DV-EP125 has thermal shock resistance over a medium range of temperatures and its flexibility avoids any deformation between the adhesive articles.

PROPERTIES - UNCURED

	A	B
Color, visual	Clear	Clear, yellow
Density, g/cm ³	1.15 +/-0.02 g/cm ³	1 +/- 0.03 g/cm ³
Viscosity, cps @ 250°C.....	12000-14000 cps	25000-35000 cps
Mix Ratio (weight).....		1:1
Settled time, 1 mm Thickness, min		20 min
Curing Time @ 250C, 1 mm Thickness, hrs.....		3-4 hrs.
Final curing Time @ 250C, days.....		7 days
Shelf Life @ 250 C, month.....	12 months	12 months

PROPERTIES - CURED

Tensile lap shear strength, kg/cm ² , ASTM-D- 1002.....	Limits 185-205 kg/cm ²
Tensile lap shear, st/st, kg/cm ²	215-235 kg/cm ²
Service Temperature, (°C) ASTM-D-794.....	-20 to +80°C
Hardness, Shore D, ASTM-D-2240.....	Shore D 63-68
Izod Impact (J/cm), ASTM-D-256.....	7 J/cm
Dielectric Strength (kV/mm), ASTM-D-149.....	18 kV/mm
Volume resistivity (ohm-cm), ASTM-D-257.....	10 ¹⁴ ohm-cm
Flexibility.....	Semi rigid

PACKAGING

DV-EP125 supplied in dual pack cartridges 25ml x 2 , 1Kg or 5Kg per pail.



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