

DV-EP150

Fast Curing Adhesive for General Purposes

DESCRIPTION

DV-EP150 is a two component, very fast curing, semi flexible epoxy glue displaying excellent adhesion to metals and ceramics. The DV-EP150 has thermal shock resistance over a medium range of temperatures and its flexibility avoids any deformation between the adhesive articles.

PROPERTIES - UNCURED

	<u>PART A</u>	<u>PART B</u>
Color, visual	clear	Clear, yellow
Specific Gravity, g/cm ³	1.15 +/- 0.02	1 +/- 0.03
Viscosity, cps @ 25 ⁰ C	6000-9000	9000-12000
Mix Ratio, (valium)	1:1	
Set time @ 25 ⁰ C, min.....	8-12	
Curing Time 1 mm thickness @ 25 ⁰ C	3-4 hrs.	
Shelf Life, months.....	12	12

PROPERTIES CURED

	<u>Test Methods</u>	<u>Limits</u>
Tensile lap shear, Al/Al, kg/cm ²	ASTM-D-1002	150-160
Tensile lap shear, st/st, kg/cm ²		180-190
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



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