

EPO-Tech 2700

DESCRIPTION

DV-EP2700 is an easy-to-use, equal ratio, low viscosity epoxy potting/casting compound, designed for production dispensing equipment in protecting electronic components and systems. DV-EP2700 features good electrical and physical properties.

PROPERTIES- UNCURED

	Part A		Part B
Color, Visual.....	Black		Amber
Viscosity, ASTM-D-2393 (cps).....	15000		300
Specific Gravity		1.08	
Mix Ratio (weight).....	100		100
Mix Viscosity, ASTM-D-2393 (cps).....		3500	
Pot life (100gr @ 25°C) min.....		50	
Shelf life @ 25°C (months).....		12	

PROPERTIES - CURED

Physical

Hardness, ASTM-D-2240 (Shore A).....	75
Tensile Strength, AATM-D-638.....	6500 psi
Tensile Elongation, ATM-D-638.....	6%
Compressive Strength, ASTM-D-695.....	10500 psi
Coefficient of thermal Expansion (cm/cm/°C).	45X10 ⁻⁶
Heat Resistance.....	-50°C +100°C

Electrical

Dielectric Strength, ASTM-D-149 (volt/mil)...	425
Dielectric Constant, ASTM-D-150 (60 HZ).....	3.8
Dissipation Factor, ASTM-D-150 (60 HZ).....	0.038
Volume Receptivity, ATM-D-257 (ohm/cm)...	6X10 ¹⁴
Thermal Conductivity, W / m°C.....	0.5



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