

FORSCH POLYMER CORP.

TECHNICAL DATA BULLETIN

EPS 2825

LOW SHRINKAGE EPOXY SYSTEM

DESCRIPTION

EPS 2825 is a low viscosity, low shrinkage epoxy system. Designed for application in pre impregnated laminates, filament wound pipe, electrical potting, encapsulation and casting.

FEATURES

Unfilled
Rigid 80 D
Excellent Electrical Properties
Low Viscosity
Good Hydrolytic Stability
Low Shrinkage

Liquid

Properties

	<u>Epoxy 150A</u>	<u>AMN 140B</u>	<u>Mixed</u>
Appearance	Amber Liquid	Lt. Brown Liquid	Lt. Brown Liquid
Viscosity (cps)	1,000-2,000 (77F)	400-1,000 (77F)	2,000-2,500 (77F)
Density (lbs/gal)	9.00-9.20	9.50-9.70	9.20-9.40

PHYSICAL PROPERTIES

Hardness, Shore D	80
Dielectric Constant (KHZ)	3.80
Dissipation Factor (KHZ)	0.14
Volume Resistivity ohm-cm	2.0 X 10 ¹⁵
Moisture Resistance 3 Weeks Immersion H ₂ O Weight Gain	0.6%
Impact Strength, Ft. Lbs/In	2.13
Compressive Strength (psi)	12,000
Tensile Strength	7,815
Elongation, %	6.00
HDT Deg F	180