

Cox Sales Company
2035 Cook Drive
Salem, VA 24153 USA
Phone: (540) 345-2636 FAX: (540) 342-8686

S-96-1
Urethane Encapsulant

S-96-1 is a low viscosity potting and encapsulating polyurethane. It is used in potting electrical devices for automotive and telecommunication.

Typical Technical Data:

Part A: Viscosity	8000cps
Color:	Amber
Specific Gravity:	1.24
Part B: Viscosity:	80 cps
Color:	Amber
Specific Gravity:	1.24
Mixed: Viscosity:	7000 cps
Color:	White
Specific Gravity:	1.24
Mix Ratio [A: B]:	5:1 By Volume
Pot Life: 100 gram mass:	6 min
Shore A Hardness:	50-60 A
Tensile Strength (psi)	280
Elongation (%)	300
Modulus (psi)	136
Tear Strength (pli)	49
Surface Resistivity (ohm)	10 ¹⁷
Volume Resistivity (ohm-cm)	10 ¹⁵
Dielectric constant (1MHz)	3.6