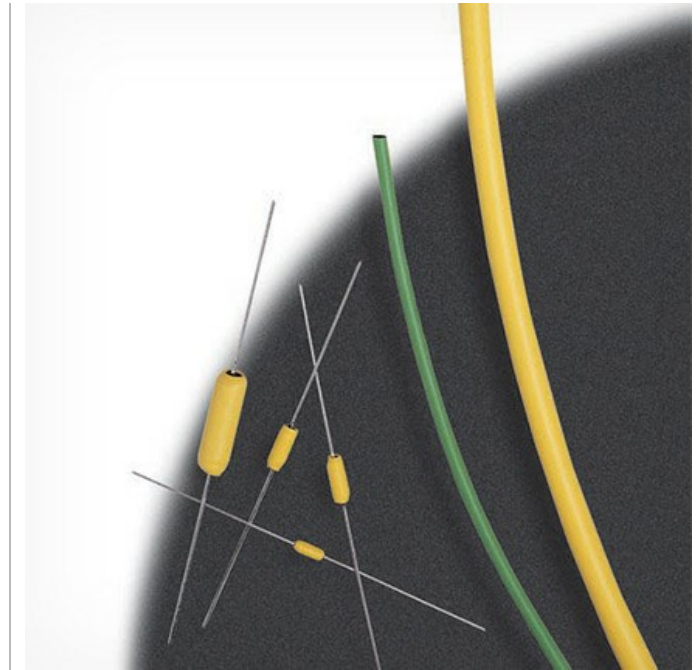


CPX 100

Thin wall crosslinked polyolefin



PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
Physical		
Tensile Strength	ASTM D2671, ISO 37	2,200 psi (15.0 MPa)
Elongation	ASTM D2671, ISO 37	400%
Longitudinal Change	ASTM D2671	±5%
2% Secant Modulus	ASTM D2671	16,000 psi (110 MPa)
Specific Gravity	ASTM D792, ISO R1183	1.3 (colours), 0.95 (clear)
Restricted Shrinkage	ASTM D2671	No cracking
Elongation after Heat Aging (168 hr at 175°C)	ASTM D2671	350%
Heat Shock (4hr at 250°C)	ASTM D2671	No cracking or flowing
Low Temperature Flexibility (4 hr at -55°C)	ASTM D2671	No cracking or flowing
Flammability	ASTM D2671, Proc. B	Flame retardant (except clear)

PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
Electrical		
Dielectric Strength	ASTM D2671, IEC 243	600 V/mil (24 kV/mm)
Volume Resistivity	ASTM D2671	10 ¹⁶ ohm-cm
Chemical		
Fluid Resistance	MIL-DTL-23053/5, ISO 1817 and 37	Good to Excellent
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570	0.2%
Fungus Resistance	ASTM G21	No growth

Version: 01 2018/JAN/02