

Thin wall Kynar®

TECHNICAL DATA

TECHNICAL DATA	CURRENT VALUES	TEST METHODS
Physical		
Tensile Strength	4,800 psi (35 MPa)	ASTM D2671, IEC 811-1-1
Elongation	450%	ASTM D2671, IEC 811-1-1
Longitudinal Change	6% max.	ASTM D2671
2% Secant Modulus	108,500 psi (750 MPa)	ASTM D2671
Specific Gravity	1.8	ASTM D792
Elongation after Heat Aging (168 hr at 158°C)	230%	ASTM D2671, IEC 811-1-1
Heat Shock (4 hr at 200°C)	No dipping, cracking or flowing	ASTM D2671, IEC 811-1-2
Low Temperature Flexibility (4 hr at -55°C)	no cracking or splitting	ASTM D2671
Flammability	Highly flame retardant	ASTM D2671
Chemical		
Fluid Resistance	Excellent	ASE-AMS-DTL-23053/8
Copper Corrosion	No Corrosion	ASTM D2671
Water Absorption	0.07%	ASTM D570, VDE 0472
Fungus Resistance	No growth	ISO 846
Electrical		
Dielectric Strength	775 V/mil (31 kV/mm)	ASTM D2671, VDE 0303
Volume Resistivity	10 ¹³ ohm-cm	ASTM D2671, VDE 0303

FOR FURTHER INFORMATION, PLEASE CONTACT:

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