

Axiall 17940 Wire & Cable Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

Material Notes:

THW insulation compound. Also suitable for 105C applications in 3/64 and larger sizes. UL recognized component for THW. Oil resistant I, VW-1 rated. Information provided by Georgia Gulf Georgia Gulf became Axiall Corporation in 2013.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Axiall-17940-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 - 1.37 g/cc	1.33 - 1.37 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88 - 94	88 - 94	delayed; ASTM D-2240
Tensile Strength, Yield	17.2 MPa	2500 psi	ASTM D-638
Elongation at Yield	254.3 %	254.3 %	Air Aging: 7 days @ 136°C; 30 mil slabs; UL 1581
	340 %	340 %	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-22.0 °C	-7.60 °F	ASTM D-746
Oxygen Index	26.5 %	26.5 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+14 ohm-cm	2.00e+14 ohm-cm	50% RH; ASTM D-257

Processing Properties	Metric	English	Comments
Melt Temperature	188 °C	370 °F	

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