

Axiall 19920 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized 105°C insulation compound recommended for THHN-THWN circuit sizes. Well suited for 105°C; 1/64 wall in all AWG sizes. CSA approved for FT1 TWN75, TEW and AWM IA constructions. UL recognized for THHN, THWN, THW and TW. 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-19920-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 - 1.35 g/cc	1.31 - 1.35 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89 - 95	89 - 95	delayed; ASTM D-2240
Tensile Strength, Yield	19.7 MPa	2850 psi	ASTM D-638
Elongation at Yield	288.1 %	288.1 %	Air Aging: 168 hours @ 136°C; 30 mil slabs; UL 1581
	330 %	330 %	ASTM D-638
100% Modulus	0.0138 GPa	2.00 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-25.0 °C	-13.0 °F	ASTM D-746
Oxygen Index	29 %	29 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	50% RH; ASTM D-257

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

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