

Axiall 19482 Wire & Cable Flexible PVC

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

Material Notes:

105°C, VW-1 rated non-lead stabilized insulation compound. Ideally suited for 18 AWG, 1/64 wall. UL approved for TW, THW, THHW applications. 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-19482-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 - 1.36 g/cc	1.32 - 1.36 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45 - 51	45 - 51	delayed; ASTM D-2240
Tensile Strength, Yield	19.3 MPa	2800 psi	ASTM D-638
Elongation at Yield	248.3 %	248.3 %	Air Aging: 7 days @ 136°C; 30 mil slabs; UL 1581
	266.3 %	266.3 %	Oil Aging: 96 hours @ 100°C; 30 mil slabs; UL 1581
	310 %	310 %	ASTM D-638
100% Modulus	0.0138 GPa	2.00 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-22.0 °C	-7.60 °F	ASTM D-746
Oxygen Index	28.5 %	28.5 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.50e+15 ohm-cm	1.50e+15 ohm-cm	50% RH; ASTM D-257

Processing Properties	Metric	English	Comments
Melt Temperature	191 °C	375 °F	

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