

Axiall 15900 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized insulation compound recommended for TW and 80C Class 43 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-15900-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	87 - 93	87 - 93	delayed; ASTM D-2240
Tensile Strength, Yield	19.0 MPa	2750 psi	ASTM D-638
Elongation at Yield	275.9 %	275.9 %	Air Aging: 168 hours @ 113°C; 30 mil slabs; UL 1581
	330 %	330 %	ASTM D-638
100% Modulus	0.0124 GPa	1.80 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-24.0 °C	-11.2 °F	ASTM D-746
Oxygen Index	26 %	26 %	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	185 °C	365 °F	

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