

Axiall 13821 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized, 720 hour sunlight resistant, TW insulation compound also recommended for 75C Class 43 applications or outdoor jacket 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-13821-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.39 - 1.43 g/cc	1.39 - 1.43 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79 - 85	79 - 85	delayed; ASTM D-2240
Tensile Strength, Yield	15.9 MPa	2300 psi	ASTM D-638
Elongation at Yield	350 %	350 %	ASTM D-638
100% Modulus	0.008791 GPa	1.275 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-28.0 °C	-18.4 °F	ASTM D-746
Oxygen Index	25 %	25 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Volume Resistivity	6.00e+14 ohm-cm	6.00e+14 ohm-cm	50% RH; ASTM D-257

Processing Properties	Metric	English	Comments
Melt Temperature	177 °C	350 °F	

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