

Axiall 19740 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized, 105°C rated insulation compound with excellent low temperature properties. Suitable for use in Class 43 applications.

Also suitable for injection molding 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-19740-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.26 - 1.30 g/cc	1.26 - 1.30 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	71 - 77	71 - 77	delayed; ASTM D-2240
Tensile Strength, Yield	14.8 MPa	2150 psi	ASTM D-638
Elongation at Yield	309.8 %	309.8 %	Air Aging: 168 hours @ 136°C; 30 mil slabs; UL 1581
	350 %	350 %	ASTM D-638
100% Modulus	0.00689 GPa	1.00 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-40.0 °C	-40.0 °F	ASTM D-746
Oxygen Index	24.5 %	24.5 %	ASTM D-638

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

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