

Axiall 15643 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized semi-rigid insulation compound recommended for Style #1061 applications. Maximum service temperature of 105°C.

The compound is also formulated for fungus and microbe resistance. 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-15643-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	57 - 63	57 - 63	delayed; ASTM D-2240
Tensile Strength, Yield	22.1 MPa	3200 psi	ASTM D-638
Elongation at Yield	220.8 %	220.8 %	Air Aging: 168 hours @ 136°C; 30 mil slabs; UL 1581
	250 %	250 %	ASTM D-638
100% Modulus	0.0197 GPa	2.85 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-8.00 °C	17.6 °F	ASTM D-746
Oxygen Index	28 %	28 %	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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