

Axiall 19732 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized, electrical grade 105°C rated non-lead vinyl elastomer compound suitable for SEO and SJEO insulation and jacket applications per UL 62. 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-19732-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 - 1.33 g/cc	1.29 - 1.33 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70 - 76	70 - 76	delayed; ASTM D-2240
Tensile Strength, Yield	15.2 MPa	2200 psi	ASTM D-638
Elongation at Yield	326.3 %	326.3 %	Oil Aging: 168 hours @ 60°C; #2 Oil; 30 mil slabs; UL 1581
	332.3 %	332.3 %	Air Aging: 168 hours @ 136°C; 30 mil slabs; UL 1581
	375 %	375 %	ASTM D-638
100% Modulus	0.00610 GPa	0.885 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-38.0 °C	-36.4 °F	ASTM D-746
Oxygen Index	24 %	24 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	188 °C	370 °F	

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