

Axiall 59770 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized, 105°C rated vinyl elastomer compound suitable for SJEOW insulation and jacket applications per UL 62. UL, QMTT2 recognized for 720 hour sunlight resistance applications. Information provided by Georgia Gulf became Axiall Corporation in 2013.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Axiall-59770-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 - 1.28 g/cc	1.24 - 1.28 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74 - 80	74 - 80	delayed; ASTM D-2240
Tensile Strength, Yield	14.5 MPa	2100 psi	ASTM D-638
Elongation at Yield	232.1 %	232.1 %	Oil Aging: 168 hours @ 60°C; #2 Oil; 30 mil slabs; UL 1581
	236.5 %	236.5 %	Air Aging: 168 hours @ 136°C; 30 mil slabs; UL 1581
	275 %	275 %	ASTM D-638
100% Modulus	0.00758 GPa	1.10 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-45.0 °C	-49.0 °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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