

Axiall 18731 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized, UL recognized 720 hour sunlight resistant in all colors, 105 C rated jacket compound with good low temperature performance. 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-18731-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 A	70 - 76	70 - 76	delayed; ASTM D-2240
Tensile Strength, Yield	16.5 MPa	2400 psi	ASTM D-638
Elongation at Yield	245.5 %	245.5 %	Air Aging: 7 days @ 136°C; 30 mil slabs; UL 1581
	266.2 %	266.2 %	Oil Aging: 7 days @ 60°C; IRM 902 oil; 30 mil slabs; UL 1581
	340 %	340 %	ASTM D-638
100% Modulus	0.00689 GPa	1.00 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-35.0 °C	-31.0 °F	ASTM D-746
Oxygen Index	25 %	25 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	182 °C	360 °F	

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