

Axiall 19900 Wire & Cable Flexible PVC

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

Material Notes:

105°C; VW-1 rated non-lead stabilized insulation with good flexibility. Ideally suited for 1/64 wall (18 AWG and larger). UL approved for TW, THW, THHW 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-19900-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 - 1.34 g/cc	1.30 - 1.34 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88 - 94	88 - 94	delayed; ASTM D-2240
Tensile Strength, Yield	16.9 MPa	2450 psi	ASTM D-638
Elongation at Yield	264.3 %	264.3 %	Air Aging: 7 days @ 136°C; 30 mil slabs; UL 1581
	283.5 %	283.5 %	Oil Aging: 96 hours @ 100°C; 30 mil slabs; UL 1581
	330 %	330 %	ASTM D-638
100% Modulus	0.0124 GPa	1.80 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-24.0 °C	-11.2 °F	ASTM D-746
Oxygen Index	28 %	28 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.50e+15 ohm-cm	1.50e+15 ohm-cm	50% RH; ASTM D-257

Processing Properties	Metric	English	Comments
Melt Temperature	185 °C	365 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China