

## Axiall 19481 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. Best suited for small gauge, 1/64 wall applications. UL approved for TW, THW, THHW, THHN-THWN insulation. 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-19481-Wire-Cable-Flexible-PVC.php](http://www.lookpolymers.com/polymer_Axiall-19481-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	92 - 98	92 - 98	delayed; ASTM D-2240
Hardness, Shore D	45 - 51	45 - 51	delayed; ASTM D-2240
Tensile Strength, Yield	20.3 MPa	2950 psi	ASTM D-638
Elongation at Yield	289 %	289 %	Air Aging: 7 days @ 136°C; 30 mil slabs; UL 1581
	289 %	289 %	Oil Aging: 96 hours @ 100°C; 30 mil slabs; UL 1581
	340 %	340 %	ASTM D-638
100% Modulus	0.0155 GPa	2.25 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-18.0 °C	-0.400 °F	ASTM D-746
Oxygen Index	30 %	30 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+15 ohm-cm	2.00e+15 ohm-cm	50% RH; ASTM D-257

Processing Properties	Metric	English	Comments
Melt Temperature	193 °C	380 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

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