

## Axiall 19450 Wire & Cable Flexible PVC

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

**Material Notes:**

105°C rated insulation compound with very good migration and oil resistance. Recommended for toner resistant 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-19450-Wire-Cable-Flexible-PVC.php](http://www.lookpolymers.com/polymer_Axiall-19450-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 D	42 - 48	42 - 48	delayed; ASTM D-2240
Tensile Strength, Yield	20.7 MPa	3000 psi	ASTM D-638
Elongation at Yield	293 %	293 %	Air Aging: 168 hours @ 113°C; 30 mil slabs; UL 1581
	303.6 %	303.6 %	Oil Aging: 96 hours @ 100°C; 30 mil slabs; UL 1581
	330 %	330 %	ASTM D-638
100% Modulus	0.0159 GPa	2.30 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-10.0 °C	14.0 °F	ASTM D-746
Oxygen Index	25.5 %	25.5 %	ASTM D-638

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