

## Axiall 18730 Wire & Cable Flexible PVC

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

**Material Notes:**

UL recognized 720 hour sunlight resistant in all colors, oil resistant, 105 C rated PVC 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-18730-Wire-Cable-Flexible-PVC.php](http://www.lookpolymers.com/polymer_Axiall-18730-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	16.9 MPa	2450 psi	ASTM D-638
Elongation at Yield	235.8 %	235.8 %	Air Aging: 7 days @ 136°C; 40 mil slabs; UL 1581
	279.4 %	279.4 %	Oil Aging: 7 days @ 60°C; IRM 902 oil; 40 mil slabs; UL 1581
	335 %	335 %	ASTM D-638
100% Modulus	0.00724 GPa	1.05 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	

## Contact Songhan Plastic Technology Co.,Ltd.

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