

## Axiall 17870 Wire & Cable Flexible PVC

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

**Material Notes:**

TW, THW insulation compound. Oil II rated. 720 hour sunlight resistant in all colors. 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-17870-Wire-Cable-Flexible-PVC.php](http://www.lookpolymers.com/polymer_Axiall-17870-Wire-Cable-Flexible-PVC.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 - 1.42 g/cc	1.38 - 1.42 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84 - 90	84 - 90	delayed; ASTM D-2240
Tensile Strength, Yield	18.5 MPa	2680 psi	ASTM D-638
Elongation at Yield	285.8 %	285.8 %	Air Aging: 168 hours @ 121°C; 30 mil slabs; UL 1581
	330 %	330 %	ASTM D-638
100% Modulus	0.0132 GPa	1.92 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-23.0 °C	-9.40 °F	ASTM D-746
Oxygen Index	30 %	30 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	188 °C	370 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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