

## Axiall 13871 Wire & Cable Flexible PVC

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

**Material Notes:**

Non-lead stabilized, 720 hour sunlight resistant insulation compound recommended for TW and 75C Class 43 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-13871-Wire-Cable-Flexible-PVC.php](http://www.lookpolymers.com/polymer_Axiall-13871-Wire-Cable-Flexible-PVC.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 - 1.38 g/cc	1.34 - 1.38 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84 - 90	84 - 90	delayed; ASTM D-2240
Tensile Strength, Yield	17.2 MPa	2500 psi	ASTM D-638
Elongation at Yield	258.7 %	258.7 %	Air Aging: 240 hours @ 100°C; 30 mil slabs; UL 1581
	330 %	330 %	ASTM D-638
100% Modulus	0.01155 GPa	1.675 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-26.0 °C	-14.8 °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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