

## Axiall 13820 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. Good low temperature performance. Also suitable for outdoor jacket 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-13820-Wire-Cable-Flexible-PVC.php](http://www.lookpolymers.com/polymer_Axiall-13820-Wire-Cable-Flexible-PVC.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.39 - 1.43 g/cc	1.39 - 1.43 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79 - 85	79 - 85	delayed; ASTM D-2240
Tensile Strength, Yield	15.9 MPa	2300 psi	ASTM D-638
Elongation at Yield	280.7 %	280.7 %	Air Aging: 240 hours @ 100°C; 30 mil slabs; UL 1581
	350 %	350 %	ASTM D-638
100% Modulus	0.008791 GPa	1.275 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-30.0 °C	-22.0 °F	ASTM D-746
Oxygen Index	26 %	26 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Volume Resistivity	6.50e+14 ohm-cm	6.50e+14 ohm-cm	50% RH; ASTM D-257

Processing Properties	Metric	English	Comments
Melt Temperature	177 °C	350 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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