

## Axiall 19801 Wire & Cable Flexible PVC

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

**Material Notes:**

Primary insulation and jacketing compound recommended for 105°C applications at a minimum wall of 15 mils. CSA approved AWM, SVT, SJT, ST, SVTO, SVTOO, SJTO, SJTOO, STO, STOO constructions. 60°C oil rated. 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-19801-Wire-Cable-Flexible-PVC.php](http://www.lookpolymers.com/polymer_Axiall-19801-Wire-Cable-Flexible-PVC.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 - 1.37 g/cc	1.33 - 1.37 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	78 - 84	78 - 84	delayed; ASTM D-2240
Tensile Strength, Yield	15.5 MPa	2250 psi	ASTM D-638
Elongation at Yield	330.1 %	330.1 %	Air Aging: 7 days @ 136°C; 30 mil slabs; UL 1581
	346.2 %	346.2 %	Oil Aging: 7 days @ 60°C; #2 Oil; 30 mil slabs; UL 1581
	350 %	350 %	ASTM D-638
100% Modulus	0.00827 GPa	1.20 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-28.0 °C	-18.4 °F	ASTM D-746
Oxygen Index	24 %	24 %	ASTM D-638

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

## Contact Songhan Plastic Technology Co.,Ltd.

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