

## Axiall 19471 Wire & Cable Flexible PVC

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

**Material Notes:**

Semi-rigid, 105°C insulation compound recommended for a minimum wall thickness of 10 mils. Designed to meet the performance criteria of military spec. MIL-W-16878D. 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-19471-Wire-Cable-Flexible-PVC.php](http://www.lookpolymers.com/polymer_Axiall-19471-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 D	44 - 50	44 - 50	delayed; ASTM D-2240
Tensile Strength, Yield	22.8 MPa	3300 psi	ASTM D-638
Elongation at Yield	252.3 %	252.3 %	Air Aging: 7 days @ 136°C; 10 mil cable; UL 1581
	300 %	300 %	ASTM D-638
100% Modulus	0.0183 GPa	2.65 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-29.0 °C	-20.2 °F	ASTM D-746
Oxygen Index	25 %	25 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	196 °C	385 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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