

Axiall 19470 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-19470-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	20.7 MPa	3000 psi	ASTM D-638
Elongation at Yield	251.1 %	251.1 %	Air Aging: 7 days @ 136°C; 10 mil cable; UL 1581
	300 %	300 %	ASTM D-638
100% Modulus	0.0162 GPa	2.35 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	193 °C	380 °F	

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