

Axiall 419-90D Coax & Telecom Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

419-90D is a highly flame retardant jacket originally designed for CSA FT-4 type CATV applications and has good low temperature properties. 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-419-90D-Coax-Telecom-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.45 - 1.49 g/cc	1.45 - 1.49 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	78 - 84	78 - 84	delayed; ASTM D-2240
Tensile Strength, Yield	14.4 MPa	2090 psi	ASTM D-638
Elongation at Yield	277.2 %	277.2 %	Air Aging: 168 hours @ 100°C; 75 mil slabs; UL 1581
	315 %	315 %	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-21.0 °C	-5.80 °F	ASTM D-746
Oxygen Index	33 %	33 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.7	3.7	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
	5.98	5.98	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

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

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