

Axiall 46801 Coax & Telecom Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Semi-rigid flame retardant compound suitable for telecom insulation 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-46801-Coax-Telecom-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 - 1.31 g/cc	1.27 - 1.31 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	47 - 53	47 - 53	delayed; ASTM D-2240
	56 - 62	56 - 62	ASTM D-2240
Tensile Strength, Yield	23.1 MPa	3350 psi	ASTM D-638
Elongation at Yield	291.2 %	291.2 %	Air Aging: 168 hours @ 121°C; 72 mil slabs; UL 1581
	320 %	320 %	ASTM D-638
100% Modulus	0.0207 GPa	3.00 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-17.0 °C	1.40 °F	ASTM D-746
Oxygen Index	32 %	32 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	193 °C	380 °F	

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