

## Axiall 21540 Coax & Telecom Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

**Material Notes:**

Semi-rigid flame retardant insulation compound with good electrical properties for minimum transmission interference. Suitable for use in riser insulation. 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-21540-Coax-Telecom-Flexible-PVC.php](http://www.lookpolymers.com/polymer_Axiall-21540-Coax-Telecom-Flexible-PVC.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 - 1.34 g/cc	1.30 - 1.34 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	52 - 58	52 - 58	delayed; ASTM D-2240
Tensile Strength, Yield	22.8 MPa	3300 psi	ASTM D-638
Elongation at Yield	255.9 %	255.9 %	Air Aging: 7 days @ 121°C; 30 mil slabs; UL 1581
	300 %	300 %	ASTM D-638
100% Modulus	0.0190 GPa	2.75 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-25.0 °C	-13.0 °F	ASTM D-746
Oxygen Index	32 %	32 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	50% RH; ASTM D-257
Dielectric Constant	2.56	2.56	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
	3.7	3.7	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

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

**Contact Songhan Plastic Technology Co.,Ltd.**

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