

Axiall 01540 Plenum Flexible PVC

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

Material Notes:

CAT 5 rated plenum jacket. UL QMTM2 Plenum Cable Compound Component. 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-01540-Plenum-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.58 - 1.62 g/cc	1.58 - 1.62 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	51 - 57	51 - 57	delayed; ASTM D-2240
Tensile Strength, Yield	17.6 MPa	2550 psi	ASTM D-638
Elongation at Yield	200 %	200 %	ASTM D-638
100% Modulus	0.0162 GPa	2.35 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-5.00 °C	23.0 °F	ASTM D-746
Oxygen Index	42.5 %	42.5 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.37	3.37	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
	4.0	4.0	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Processing Properties	Metric	English	Comments
Melt Temperature	174 °C	345 °F	

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