

Axiall H 3182A Plenum Flexible PVC

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

Material Notes:

Plenum-grade insulation compound for Category 3 applications. 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-H-3182A-Plenum-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.48 - 1.52 g/cc	1.48 - 1.52 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60 - 66	60 - 66	delayed; ASTM D-2240
Tensile Strength, Yield	20.7 MPa	3000 psi	ASTM D-638
Elongation at Yield	270.6 %	270.6 %	Air Aging: 7 days @ 100°C; 75-mil plaques; UL 1581
	291 %	291 %	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-3.00 °C	26.6 °F	ASTM D-746
Oxygen Index	38 %	38 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.18	3.18	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

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

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