

Axiall H 5126A Plenum Flexible PVC

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

Material Notes:

Plenum-grade Cat-5(+) jacket for use over 100% FEP. 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-5126A-Plenum-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.61 - 1.65 g/cc	1.61 - 1.65 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	52 - 58	52 - 58	delayed; ASTM D-2240
Tensile Strength, Yield	17.6 MPa	2550 psi	ASTM D-638
Elongation at Yield	212.5 %	212.5 %	Air Aging: 7 days @ 100°C; 75-mil plaques; UL 1581
	250 %	250 %	ASTM D-638
100% Modulus	0.0138 GPa	2.00 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-8.00 °C	17.6 °F	ASTM D-746
Oxygen Index	43 %	43 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.6	3.6	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

Processing Properties	Metric	English	Comments
Melt Temperature	191 °C	375 °F	

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