

Axiall 01590 Plenum Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Non-lead stabilized plenum grade insulation compound for Category 3 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-01590-Plenum-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.45 - 1.49 g/cc	1.45 - 1.49 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	59 - 65	59 - 65	delayed; ASTM D-2240
Tensile Strength, Yield	20.3 MPa	2950 psi	ASTM D-638
Elongation at Yield	251.4 %	251.4 %	Air Aging: 10 days @ 100°C; 30 mil slabs; UL 1581
	290 %	290 %	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

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

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