

Axiall 02890 Plenum Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Non-lead stabilized PVC plenum jacket compound recommended for Category 5 applications. Good flexibility and handling during installation. 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-02890-Plenum-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.52 - 1.56 g/cc	1.52 - 1.56 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86 - 92	86 - 92	delayed; ASTM D-2240
Tensile Strength, Yield	17.75 MPa	2575 psi	ASTM D-638
Elongation at Yield	184.2 %	184.2 %	Air Aging: 7 days @ 100°C; 0.020; UL 1581
	200 %	200 %	ASTM D-638
100% Modulus	0.0124 GPa	1.80 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-15.0 °C	5.00 °F	ASTM D-746
Oxygen Index	38.5 %	38.5 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	182 °C	360 °F	

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