

Axiall 4900 Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Non-lead stabilized, fungus resistant, 105C rated automotive insulation designed to meet the performance criteria of SAE J1128. Information provided by Georgia Gulf became Axiall Corporation in 2013.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Axiall-4900-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 - 1.38 g/cc	1.34 - 1.38 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	87 - 93	87 - 93	delayed; ASTM D-2240
Tensile Strength, Yield	20.0 MPa	2900 psi	ASTM D-638
Elongation at Yield	233.4 %	233.4 %	Air Aging: 168 hours @ 136°C; 30 mil slabs; UL 1581
	300 %	300 %	ASTM D-638
100% Modulus	0.01155 GPa	1.675 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-23.0 °C	-9.40 °F	ASTM D-746
Oxygen Index	25 %	25 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	185 °C	365 °F	

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