

Axiall 10870 Wire & Cable Flexible PVC

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

Material Notes:

General purpose jacket compound recommended for 60C applications and also suited for 75C at a wall thickness of 30 mils and larger. 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-10870-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 - 1.44 g/cc	1.40 - 1.44 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84 - 90	84 - 90	delayed; ASTM D-2240
Tensile Strength, Yield	16.38 MPa	2375 psi	ASTM D-638
Elongation at Yield	263.8 %	263.8 %	Air Aging: 240 hours @ 100°C; 30 mil slabs; UL 1581
	340 %	340 %	ASTM D-638
100% Modulus	0.00965 GPa	1.40 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-28.0 °C	-18.4 °F	ASTM D-746
Oxygen Index	23.5 %	23.5 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	188 °C	370 °F	

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