

Axiall 971 Wire & Cable Flexible PVC

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

Material Notes:

Matte-finish, CL2 jacket compound rated for 90°C 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-971-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.43 - 1.47 g/cc	1.43 - 1.47 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68 - 74	68 - 74	delayed; ASTM D-2240
Tensile Strength, Yield	15.2 MPa	2200 psi	ASTM D-638
Elongation at Yield	262.7 %	262.7 %	Air Aging: 7 days @ 121°C; 30 mil slabs; UL 1581
	315 %	315 %	ASTM D-638
100% Modulus	0.00696 GPa	1.01 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-28.0 °C	-18.4 °F	ASTM D-746
Oxygen Index	34 %	34 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	177 °C	350 °F	

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