

Axiall 12791 Wire & Cable Flexible PVC

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

Material Notes:

General purpose, 75°C rated non-lead stabilized jacket compound with good low temperature properties and 720 hour sunlight resistance. 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-12791-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 - 1.42 g/cc	1.38 - 1.42 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	76 - 82	76 - 82	delayed; ASTM D-2240
Tensile Strength, Yield	13.8 MPa	2000 psi	ASTM D-638
Elongation at Yield	292.7 %	292.7 %	Air Aging: 240 hours @ 100°C; 30 mil slabs; UL 1581
	360 %	360 %	ASTM D-638
100% Modulus	0.00621 GPa	0.900 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-35.0 °C	-31.0 °F	ASTM D-746
Oxygen Index	23 %	23 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	171 °C	340 °F	

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