

Axiall 10790 Wire & Cable Flexible PVC

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

Material Notes:

60C compound suitable for integral non-metallic conduit jacket 1" and larger per UL 1660. 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-10790-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 - 1.26 g/cc	1.22 - 1.26 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	76 - 82	76 - 82	delayed; ASTM D-2240
Tensile Strength, Yield	20.3 MPa	2950 psi	ASTM D-638
Elongation at Yield	284.2 %	284.2 %	Air Aging: 7 days @ 100°C; 30 mil slabs; UL 1581
	350 %	350 %	ASTM D-638
100% Modulus	0.0100 GPa	1.45 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-32.0 °C	-25.6 °F	ASTM D-746
Oxygen Index	23 %	23 %	ASTM D-638

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

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