

Axiall 14820 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized drop cable jacketing. Also suitable for 80C rated general purpose jacket 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-14820-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 - 1.32 g/cc	1.28 - 1.32 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79 - 85	79 - 85	delayed; ASTM D-2240
Tensile Strength, Yield	17.2 MPa	2500 psi	ASTM D-638
Elongation at Yield	272.8 %	272.8 %	Air Aging: 168 hours @ 113°C; 30 mil slabs; UL 1581
	315 %	315 %	ASTM D-638
100% Modulus	0.01079 GPa	1.565 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-43.0 °C	-45.4 °F	ASTM D-746
Oxygen Index	24.5 %	24.5 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	182 °C	360 °F	

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