

Axiall 12860 Wire & Cable Flexible PVC

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

Material Notes:

80C liquid tight conduit. 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-12860-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 - 1.37 g/cc	1.33 - 1.37 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	81 - 87	81 - 87	delayed; ASTM D-2240
Tensile Strength, Yield	16.2 MPa	2350 psi	ASTM D-638
Elongation at Yield	290.5 %	290.5 %	Air Aging: 240 hours @ 100°C; UL 1581
	294 %	294 %	Oil Aging: 168 hours @ 100°C; #2 Oil; UL 1581
	350 %	350 %	ASTM D-638
100% Modulus	0.00827 GPa	1.20 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-28.0 °C	-18.4 °F	ASTM D-746
Oxygen Index	25 %	25 %	ASTM D-638

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

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