

Axiall 18860 Wire & Cable Flexible PVC

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

Material Notes:

Flame retardant jacketing compound recommended for a maximum service temperature rating of 105°C. 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-18860-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 - 1.44 g/cc	1.40 - 1.44 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83 - 89	83 - 89	delayed; ASTM D-2240
Tensile Strength, Yield	17.2 MPa	2500 psi	ASTM D-638
Elongation at Yield	265.7 %	265.7 %	Air Aging: 168 hours @ 136°C; 30 mil slabs; UL 1581
	310 %	310 %	ASTM D-638
100% Modulus	0.0110 GPa	1.60 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-25.0 °C	-13.0 °F	ASTM D-746
Oxygen Index	28.5 %	28.5 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	188 °C	370 °F	

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