

Axiall 18760 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized, matte-finish, jacketing compound with excellent low temperature performance. Maximum 105°C service temperature at 40+ mil. Ideally suited for 90°C 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-18760-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 - 1.33 g/cc	1.29 - 1.33 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	73 - 79	73 - 79	delayed; ASTM D-2240
Tensile Strength, Yield	15.00 MPa	2175 psi	ASTM D-638
Elongation at Yield	253.6 %	253.6 %	Air Aging: 168 hours @ 136°C; 40 mil slabs; UL 1581
	340 %	340 %	ASTM D-638
100% Modulus	0.00689 GPa	1.00 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-51.0 °C	-59.8 °F	ASTM D-746
Oxygen Index	24 %	24 %	ASTM D-638

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

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