

Axiall 10805 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized, 75°C rated compound recommended for integral insulation/jacket constructions. 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-10805-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 - 1.41 g/cc	1.37 - 1.41 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	78 - 84	78 - 84	delayed; ASTM D-2240
Tensile Strength, Yield	15.5 MPa	2250 psi	ASTM D-638
Elongation at Yield	303.8 %	303.8 %	Air Aging: 240 hours @ 100°C; 30 mil slabs; UL 1581
	370 %	370 %	ASTM D-638
100% Modulus	0.00689 GPa	1.00 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-30.0 °C	-22.0 °F	ASTM D-746
Oxygen Index	24 %	24 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.50e+14 ohm-cm	2.50e+14 ohm-cm	50% RH; ASTM D-257

Processing Properties	Metric	English	Comments
Melt Temperature	177 °C	350 °F	

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