

Axiall 34431 Wire & Cable Flexible PVC

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

Material Notes:

TW insulation. UL recognized for TW, Oil resistant I and VW-1. 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-34431-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 - 1.38 g/cc	1.34 - 1.38 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84 - 90	84 - 90	delayed; ASTM D-2240
Tensile Strength, Yield	16.9 MPa	2450 psi	ASTM D-638
Elongation at Yield	267.8 %	267.8 %	Air Aging: 7 days @ 113°C; 75-mil plaques; UL 1581
	315 %	315 %	ASTM D-638
100% Modulus	0.0121 GPa	1.75 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-22.0 °C	-7.60 °F	ASTM D-746
Oxygen Index	25 %	25 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	185 °C	365 °F	

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