

Axiall 35551 Wire & Cable Flexible PVC

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

Material Notes:

TW, THW insulation compound suitable for 105°C AWM applications. Oil II rated and VW-1. CSA approved for TR64, TR32, TEW, and AW. 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-35551-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 D	40 - 46	40 - 46	delayed; ASTM D-2240
	52 - 58	52 - 58	ASTM D-2240
Tensile Strength, Yield	21.0 MPa	3050 psi	ASTM D-638
Elongation at Yield	248.2 %	248.2 %	Air Aging: 7 days @ 136°C; 75-mil plaques; UL 1581
	340 %	340 %	ASTM D-638
100% Modulus	0.0152 GPa	2.20 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-16.0 °C	3.20 °F	ASTM D-746
Oxygen Index	26 %	26 %	ASTM D-638

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

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