

Axiall 2258 Wire & Cable Flexible PVC

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

Material Notes:

TW insulation suitable for 105°C AWM applications. 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-2258-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	89 - 95	89 - 95	delayed; ASTM D-2240
Tensile Strength, Yield	17.2 MPa	2500 psi	ASTM D-638
Elongation at Yield	236.3 %	236.3 %	Air Aging: 7 days @ 136°C; 75-mil plaques; UL 1581
	315 %	315 %	ASTM D-638
100% Modulus	0.0110 GPa	1.60 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-17.0 °C	1.40 °F	ASTM D-746
Oxygen Index	25 %	25 %	ASTM D-638

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

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