

Axiall 19852 Wire & Cable Flexible PVC

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

Material Notes:

AWM, TW, MTW 105°C. UL recognized component for TW. Oil resistant I and VW-1 rated. 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-19852-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 - 1.39 g/cc	1.35 - 1.39 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82 - 88	82 - 88	delayed; ASTM D-2240
Tensile Strength, Yield	17.2 MPa	2500 psi	ASTM D-638
Elongation at Yield	271.4 %	271.4 %	Air Aging: 168 hours @ 136°C; 30 mil slabs; UL 1581
	335 %	335 %	ASTM D-638
100% Modulus	0.00758 GPa	1.10 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-25.0 °C	-13.0 °F	ASTM D-746
Oxygen Index	27 %	27 %	ASTM D-638

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

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