

Axiall 17881 Wire & Cable Flexible PVC

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

Material Notes:

THW insulation compound. UL recognized component for TW, THW insulation. 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-17881-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	85 - 91	85 - 91	delayed; ASTM D-2240
Tensile Strength, Yield	17.2 MPa	2500 psi	ASTM D-638
Elongation at Yield	233.4 %	233.4 %	Air Aging: 168 hours @ 121°C; 30 mil slabs; UL 1581
	300 %	300 %	ASTM D-638
100% Modulus	0.0121 GPa	1.75 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-25.0 °C	-13.0 °F	ASTM D-746
Oxygen Index	24 %	24 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	191 °C	375 °F	

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