

Axiall 830 Wire & Cable Flexible PVC

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

Material Notes:

TW insulation. UL recognized for TW and Oil resistant II. 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-830-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	84 - 90	84 - 90	delayed; ASTM D-2240
Tensile Strength, Yield	15.2 MPa	2200 psi	ASTM D-638
Elongation at Yield	272 %	272 %	Air Aging: 7 days @ 113°C; 75-mil plaques; UL 1581
	320 %	320 %	ASTM D-638
100% Modulus	0.00896 GPa	1.30 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-20.0 °C	-4.00 °F	ASTM D-746
Oxygen Index	24 %	24 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	182 °C	360 °F	

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