

Axiall 16900 Wire & Cable Flexible PVC

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

Material Notes:

Tray cable jacket. 720 hour sunlight resistant in all colors. 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-16900-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.39 - 1.43 g/cc	1.39 - 1.43 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89 - 95	89 - 95	delayed; ASTM D-2240
Tensile Strength, Yield	18.6 MPa	2700 psi	ASTM D-638
Elongation at Yield	225 %	225 %	Air Aging: 168 hours @ 121°C; 30 mil slabs; UL 1581
	228 %	228 %	Oil Aging: 4 hours @ 70°C; #2 Oil; UL 1581
	300 %	300 %	ASTM D-638
100% Modulus	0.0124 GPa	1.80 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-25.0 °C	-13.0 °F	ASTM D-746
Oxygen Index	29 %	29 %	ASTM D-638

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

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