

Axiall 312 Wire & Cable Flexible PVC

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

Material Notes:

General purpose jacketing and insulation compound. UL recognized for 720 hour sunlight resistance 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-312-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 - 1.36 g/cc	1.32 - 1.36 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	78 - 84	78 - 84	delayed; ASTM D-2240
Tensile Strength, Yield	14.5 MPa	2100 psi	ASTM D-638
Elongation at Yield	268.6 %	268.6 %	Air Aging: 7 days @ 113°C; 75-mil plaques; UL 1581
	340 %	340 %	ASTM D-638
100% Modulus	0.00965 GPa	1.40 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-30.0 °C	-22.0 °F	ASTM D-746
Oxygen Index	23 %	23 %	ASTM D-638

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

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