

Axiall 9149 Wire & Cable Flexible PVC

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

Material Notes:

Highly flame retardant FT-4 tray cable jacket. 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-9149-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.42 - 1.46 g/cc	1.42 - 1.46 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89 - 95	89 - 95	ASTM D-2240
Tensile Strength, Yield	17.9 MPa	2600 psi	ASTM D-638
Elongation at Yield	233.8 %	233.8 %	Oil Aging: 4 hours @ 70°C; UL 1581
	242 %	242 %	Air Aging: 7 days @ 121°C; 75-mil plaques; UL 1581
	275 %	275 %	ASTM D-638
100% Modulus	0.0110 GPa	1.60 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-30.0 °C	-22.0 °F	ASTM D-746
Oxygen Index	32 %	32 %	ASTM D-638

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

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