

Axiall 11441 Wire & Cable Flexible PVC

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

Material Notes:

Clear extrusion compound formulated for applications necessitating a high degree of flame retardancy. 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-11441-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 D	43 - 49	43 - 49	delayed; ASTM D-2240
Tensile Strength, Yield	20.7 MPa	3000 psi	ASTM D-638
Elongation at Yield	261.3 %	261.3 %	Air Aging: 240 hours @ 100°C; 30 mil slabs; UL 1581
	325 %	325 %	ASTM D-638
100% Modulus	0.0138 GPa	2.00 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Oxygen Index	29 %	29 %	ASTM D-638

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

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