

Axiall 2153A Wire & Cable Flexible PVC

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

Material Notes:

THHN-THWN; in circuit sizes (14 AWG and larger). UL recognized for THHN, THW, THWN, TW, Oil resistant I. 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-2153A-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.36 - 1.40 g/cc	1.36 - 1.40 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86 - 92	86 - 92	delayed; ASTM D-2240
Tensile Strength, Yield	19.0 MPa	2750 psi	ASTM D-638
Elongation at Yield	255 %	255 %	Air Aging: 7 days @ 136°C; 75-mil plaques; 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	-16.0 °C	3.20 °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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