

Axiall 19854 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized, 105°C rated insulation compound. Recognized by UL for TW and THW applications. 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-19854-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	82 - 88	82 - 88	delayed; ASTM D-2240
Tensile Strength, Yield	16.9 MPa	2450 psi	ASTM D-638
Elongation at Yield	250.6 %	250.6 %	Air Aging: 7 days @ 136°C; 30 mil slabs; UL 1581
	320 %	320 %	ASTM D-638
100% Modulus	0.01217 GPa	1.765 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-25.0 °C	-13.0 °F	ASTM D-746
Oxygen Index	25 %	25 %	ASTM D-638

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

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