

Axiall 19871 Wire & Cable Flexible PVC

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

Material Notes:

Non-lead stabilized, 105°C rated insulation compound with very good migration and oil resistance. Recommended for toner resistance 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-19871-Wire-Cable-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 - 1.39 g/cc	1.35 - 1.39 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84 - 90	84 - 90	delayed; ASTM D-2240
Tensile Strength, Yield	18.6 MPa	2700 psi	ASTM D-638
Elongation at Yield	286.4 %	286.4 %	Oil Aging: 96 hours @ 100°C; 30 mil slabs; UL 1581
	292.8 %	292.8 %	Air Aging: 168 hours @ 136°C; 30 mil slabs; UL 1581
	320 %	320 %	ASTM D-638
100% Modulus	0.0112 GPa	1.62 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-14.0 °C	6.80 °F	ASTM D-746
Oxygen Index	26.5 %	26.5 %	ASTM D-638

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

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