

## Axiall 34551 Wire & Cable Flexible PVC

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

**Material Notes:**

TW, THW insulation also suitable for 105°C AWM, flex cords and Class 12/12B insulations. 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-34551-Wire-Cable-Flexible-PVC.php](http://www.lookpolymers.com/polymer_Axiall-34551-Wire-Cable-Flexible-PVC.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 - 1.38 g/cc	1.34 - 1.38 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84 - 90	84 - 90	delayed; ASTM D-2240
Hardness, Shore D	33 - 39	33 - 39	ASTM D-2240
Tensile Strength, Yield	18.3 MPa	2650 psi	ASTM D-638
Elongation at Yield	263.7 %	263.7 %	Air Aging: 7 days @ 136°C; 30 mil slabs; UL 1581
	320 %	320 %	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-20.0 °C	-4.00 °F	ASTM D-746
Oxygen Index	27 %	27 %	ASTM D-638

Electrical Properties	Metric	English	Comments
Dielectric Constant	4.91	4.91	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Processing Properties	Metric	English	Comments
Melt Temperature	191 °C	375 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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