

## Axiall 4590 Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

**Material Notes:**

10 mil automotive thin wall insulation. 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-4590-Flexible-PVC.php](http://www.lookpolymers.com/polymer_Axiall-4590-Flexible-PVC.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 - 1.33 g/cc	1.29 - 1.33 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	56 - 62	56 - 62	delayed; ASTM D-2240
Tensile Strength, Yield	24.5 MPa	3550 psi	ASTM D-638
Elongation at Yield	260 %	260 %	ASTM D-638
100% Modulus	0.0217 GPa	3.15 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-12.0 °C	10.4 °F	ASTM D-746

Processing Properties	Metric	English	Comments
Melt Temperature	193 °C	380 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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