

Axiall 8607 Rigid PVC, Extrusion

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf 8607 is a special purpose pelletized compound formulated for high impact, rigid extrusion profiles. 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-8607-Rigid-PVC-Extrusion.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	78.5	78.5	ASTM D-2240
Tensile Strength, Yield	39.2 MPa	5680 psi	ASTM D-638
Tensile Modulus	2.54 GPa	368 ksi	ASTM D-638
Flexural Strength	63.4 MPa	9200 psi	ASTM D-790
Flexural Modulus	1.92 GPa	279 ksi	ASTM D-790
Izod Impact, Notched	2.88 J/cm	5.40 ft-lb/in	ASTM D-256
	@Thickness 6.35 mm, Temperature 23.0 °C	@Thickness 0.250 in, Temperature 73.4 °F	
Tensile Impact Strength	11.6 J/cm	21.7 ft-lb/in	ASTM D-256
	@Thickness 3.17 mm, Temperature 23.0 °C	@Thickness 0.125 in, Temperature 73.4 °F	
Tensile Impact Strength	156 kJ/m ²	74.3 ft-lb/in ²	ASTM D-1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	72.2 °C	162 °F	unannealed; ASTM D-648
Deflection Temperature at 1.8 MPa (264 psi)	66.1 °C	151 °F	unannealed; ASTM D-648

Processing Properties	Metric	English	Comments
Melt Temperature	182 °C	360 °F	

Descriptive Properties	Value	Comments
Cell Classification	16343	ASTM D-1784

Descriptive Properties	Value	Comments
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