

Axiall 7777 Rigid PVC, Extrusion

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf 7777 is a rigid PVC compound designed for outdoor 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-7777-Rigid-PVC-Extrusion.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.46 g/cc	1.46 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	78	78	ASTM D-2240
Tensile Strength, Yield	43.4 MPa	6300 psi	ASTM D-638
Tensile Modulus	3.50 GPa	507 ksi	ASTM D-638
Flexural Strength	80.7 MPa	11700 psi	ASTM D-790
Flexural Modulus	2.43 GPa	352 ksi	ASTM D-790
Izod Impact, Notched	1.98 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	3.70 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D-256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	68.9 °C	156 °F	ASTM D-648

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

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