

Axiall 7751 Rigid PVC, Extrusion

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf 7751 is a vertical blind profile exterior compound requiring the following properties: Impact Strength & ToughnessColorabilityDimensional StabilityUV Color StabilityEasy Processing in Thin Parts at Fast RatesInformation provided by Georgia GulfGeorgia Gulf became Axiall Corporation in 2013.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Axiall-7751-Rigid-PVC-Extrusion.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 g/cc	1.50 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	111.9	111.9	ASTM D-785
Hardness, Shore D	81	81	ASTM D-2240
Tensile Strength, Yield	40.5 MPa	5870 psi	ASTM D-638
Tensile Modulus	3.22 GPa	467 ksi	ASTM D-638
Flexural Strength	74.19 MPa	10760 psi	ASTM D-790
Flexural Modulus	3.07 GPa	445 ksi	ASTM D-790
Izod Impact, Notched	1.44 J/cm @Thickness 6.35 mm	2.70 ft-lb/in @Thickness 0.250 in	ASTM D-256
	2.14 J/cm @Thickness 3.17 mm	4.00 ft-lb/in @Thickness 0.125 in	ASTM D-256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	69.50 °C	157.1 °F	ASTM D-648

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