

Axiall 2501 Rigid PVC, Extrusion

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Information provided by Georgia GulfGeorgia Gulf became Axiall Corporation in 2013.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Axiall-2501-Rigid-PVC-Extrusion.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D-785
Hardness, Shore D	78	78	ASTM D-2240
Tensile Strength, Yield	41.5 MPa	6020 psi	ASTM D-638
Tensile Modulus	2.91 GPa	422 ksi	ASTM D-638
Flexural Strength	71.77 MPa	10410 psi	ASTM D-790
Flexural Modulus	2.68 GPa	389 ksi	ASTM D-790
Izod Impact, Notched	8.65 J/cm @Thickness 3.17 mm	16.2 ft-lb/in @Thickness 0.125 in	ASTM D-256
Gardner Impact	0.678 J	0.500 ft-lb	per mil, Method B, C-125 Tup; ASTM D-4226

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	61.78 °C	143.2 °F	unannealed; ASTM D-648

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