

Axiall 2503 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-2503-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, Rockwell R	110	110	ASTM D-785
Hardness, Shore D	80	80	ASTM D-2240
Tensile Strength, Yield	42.7 MPa	6200 psi	ASTM D-638
Tensile Modulus	2.83 GPa	410 ksi	ASTM D-638
Flexural Strength	68.9 MPa	10000 psi	ASTM D-790
Flexural Modulus	2.34 GPa	340 ksi	ASTM D-790
Izod Impact, Notched	13.3 J/cm @Thickness 3.17 mm	25.0 ft-lb/in @Thickness 0.125 in	ASTM D-256
Gardner Impact	0.508 J	0.375 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)	67.00 °C	152.6 °F	unannealed; ASTM D-648

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