

Axiall 3605 Rigid PVC, Extrusion, White

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf 3605 is a special purpose compound formulated for the extrusion of thin wall profiles such as edge banding and furniture trim. 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-3605-Rigid-PVC-Extrusion-White.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	88	88	ASTM D-785
Hardness, Shore D	80	80	ASTM D-2240
Tensile Strength, Yield	43.0 MPa	6230 psi	ASTM D-638
Tensile Modulus	2.76 GPa	400 ksi	ASTM D-638
Flexural Strength	69.6 MPa	10100 psi	ASTM D-790
Flexural Modulus	2.16 GPa	313 ksi	ASTM D-790
Izod Impact, Notched	11.3 J/cm @Thickness 3.17 mm	21.2 ft-lb/in @Thickness 0.125 in	ASTM D-256
Tensile Impact Strength	153 kJ/m ²	73.0 ft-lb/in ²	ASTM D-1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	62.8 °C	145 °F	unannealed; ASTM D-648
	72.8 °C	163 °F	annealed; ASTM D-648

Descriptive Properties	Value	Comments
Cell Classification	16354	ASTM D-1784

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