

Axiall 3101 Rigid PVC, Extrusion

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf 3101 is a powder blend designed for the extrusion of window, door and fence profiles where weatherability is of primary consideration. 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-3101-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, Rockwell R	87.5	87.5	ASTM D-785
Hardness, Shore D	81	81	ASTM D-2240
Tensile Strength, Yield	43.2 MPa	6260 psi	ASTM D-638
Tensile Modulus	2.70 GPa	392 ksi	ASTM D-638
Flexural Strength	88.9 MPa	12900 psi	ASTM D-790
Flexural Modulus	2.96 GPa	430 ksi	ASTM D-790
Izod Impact, Notched	1.92 J/cm	3.60 ft-lb/in	ASTM D-256
Tensile Impact Strength	155 kJ/m ²	73.8 ft-lb/in ²	ASTM D-1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	66.200 °C	151.16 °F	ASTM D-648

Processing Properties	Metric	English	Comments
Melt Temperature	193 °C	380 °F	

Descriptive Properties	Value	Comments
Cell Classification	13343	ASTM D-1784
	1-44333-23-0000	ASTM D-4216

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