

Axiall 7020 Rigid PVC, Extrusion

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf 7020 is a special purpose rigid PVC profile extrusion compound designed for thin-wall applications requiring the following properties: Impact Strength & Toughness Dimensional Stability Flame Retardance Chemical Resistance Durability Colorability 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-7020-Rigid-PVC-Extrusion.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	112	112	ASTM D-785
Hardness, Shore D	79	79	ASTM D-2240
Tensile Strength, Yield	45.5 MPa	6600 psi	ASTM D-638
Tensile Modulus	3.03 GPa	440 ksi	ASTM D-638
Flexural Strength	89.6 MPa	13000 psi	ASTM D-790
Flexural Modulus	3.03 GPa	440 ksi	ASTM D-790
Izod Impact, Notched	9.61 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	18.0 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D-256
Tensile Impact Strength	147 kJ/m ²	70.0 ft-lb/in ²	ASTM D-1822

Thermal Properties	Metric	English	Comments
CTE, linear	70.2 µm/m-°C @Temperature 20.0 °C	39.0 µin/in-°F @Temperature 68.0 °F	ASTM D-696
Deflection Temperature at 1.8 MPa (264 psi)	72.2 °C	162 °F	ASTM D-648
Flammability, UL94	V-0	V-0	

Descriptive Properties	Value	Comments
Cell Classification	14354	ASTM D-1784

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