

Axiall 8247 Clear 34 Rigid PVC, Extrusion, Clear 34

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf 8247 Clear 34 is a rigid PVC pellet compound suited for applications where transparency is important. It is widely used for clear profiles such as furniture trim, shower door and protected jalousie windows. High impact vacuum formed sheet applications are also filled with 8247 Clear 34. Twin screw machines may be used to convert Georgia Gulf 8247 Clear 34. 8247 is characterized by excellent physical properties and easy processing. It contains UV inhibitor to retard deterioration. It is available in fiberboard boxes, railroad bulk hopper cars or bulk truckloads. It is available in a neutral pale green tint and is easily colored by concentrates at the machine. 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-8247-Clear-34-Rigid-PVC-Extrusion-Clear-34.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	44.8 MPa	6500 psi	ASTM D-638
Tensile Modulus	2.62 GPa	380 ksi	ASTM D-638
Flexural Strength	81.4 MPa	11800 psi	ASTM D-790
Flexural Modulus	2.62 GPa	380 ksi	ASTM D-790
Izod Impact, Notched	6.41 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	12.0 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D-256
Tensile Impact Strength	187 kJ/m ²	89.0 ft-lb/in ²	ASTM D-1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	72.2 °C	162 °F	ASTM D-648
Flammability, UL94	V-0	V-0	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Descriptive Properties	Value	Comments
Cell Classification	14443333	ASTM D-4216

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