

Axiall 8258 Rigid PVC, Extrusion

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf 8258 is a special purpose rigid PVC for film and food grade sheet compound. It has been used where packages are manufactured to FDA guidelines. 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-8258-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
Tensile Strength, Yield	46.2 MPa	6700 psi	ASTM D-638
Tensile Modulus	2.48 GPa	360 ksi	ASTM D-638
Flexural Strength	82.7 MPa	12000 psi	ASTM D-790
Izod Impact, Notched	1.33 J/cm @ Thickness 3.17 mm	2.50 ft-lb/in @ Thickness 0.125 in	ASTM D-256
Tensile Impact Strength	158 kJ/m ²	75.0 ft-lb/in ²	ASTM D-1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	63.9 °C	147 °F	ASTM D-648

Optical Properties	Metric	English	Comments
Haze	5.0 %	5.0 %	ASTM D-1003-61
Transmission, Visible	77 %	77 %	ASTM D-1003-61

Descriptive Properties	Value	Comments
Equilibrium Torque, meter-grams	1400	Brabender Plastograph, No. 6, Roller Head, 190°C, 57-g, Charge, 100rpm
Stability Time, minutes	21	

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