

Axiall 8266 Rigid PVC, Extrusion

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Information provided by Georgia GulfGeorgia Gulf became Axiall Corporation in 2013.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Axiall-8266-Rigid-PVC-Extrusion.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D-785
Hardness, Shore D	78	78	ASTM D-2240
Tensile Strength, Yield	39.41 MPa	5716 psi	ASTM D-638
Tensile Modulus	2.832 GPa	410.8 ksi	ASTM D-638
Flexural Strength	74.5 MPa	10800 psi	ASTM D-790
Flexural Modulus	2.614 GPa	379.2 ksi	ASTM D-790
Izod Impact, Notched	1.43 J/cm @Thickness 6.35 mm	2.68 ft-lb/in @Thickness 0.250 in	ASTM D-256
	1.89 J/cm @Thickness 3.17 mm	3.54 ft-lb/in @Thickness 0.125 in	ASTM D-256
Tensile Impact Strength	115 kJ/m ²	55.0 ft-lb/in ²	ASTM D-1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	unannealed; ASTM D-648
	67.8 °C	154 °F	annealed; ASTM D-648

Processing Properties	Metric	English	Comments
Melt Temperature	188 °C	370 °F	

Descriptive Properties	Value	Comments
Cell Classification	13253	ASTM D-1784

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