

Axiall Vynaprene 7907 Rigid PVC, Extrusion

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf 7907 is a rigid compound designed for the trenchless rehabilitation of decaying sewer pipes. Advantages include: Cost & time required for the construction phase of the project are greatly reduced. Trenchless solutions can be implemented quicker than traditional construction techniques. Risk to public during the construction process is greatly minimized. Road surfaces do not have to be replaced. 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-Vynaprene-7907-Rigid-PVC-Extrusion.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D-785
Hardness, Shore D	73.8	73.8	ASTM D-2240
Tensile Strength, Yield	27.1 MPa	3930 psi	ASTM D-638
Tensile Modulus	1.54 GPa	223 ksi	ASTM D-638
Flexural Strength	40.9 MPa	5930 psi	ASTM D-790
Flexural Modulus	0.5510 GPa	79.92 ksi	ASTM D-790
Izod Impact, Notched	11.1 J/cm	20.8 ft-lb/in	ASTM D-256
	@Thickness 6.35 mm	@Thickness 0.250 in	
	12.7 J/cm	23.8 ft-lb/in	ASTM D-256
	@Thickness 3.17 mm	@Thickness 0.125 in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	51.00 °C	123.8 °F	annealed; ASTM D-648

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