

Axiall ProTherm® 4510 CPVC Rigid PVC, Molding

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf ProTherm® 4510 CPVC is a pelletized injection molding compound designed for fittings. Typical applications are in potable water and chemical transfer systems especially where high chemical resistance is required and/or elevated temperatures exist. 4510 has excellent processability, including thermal stability, flow and surface appearance. ProTherm® 4510 listing under NSF Standard 16 and Standard 61 is pending. 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-ProTherm-4510-CPVC-Rigid-PVC-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.49 g/cc	1.49 g/cc	ASTM D-792
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D-955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	117	117	ASTM D-785
Tensile Strength, Yield	55.8 MPa	8100 psi	ASTM D-638
Tensile Modulus	2.55 GPa	370 ksi	ASTM D-638
Izod Impact, Notched	0.908 J/cm @Thickness 6.35 mm	1.70 ft-lb/in @Thickness 0.250 in	ASTM D-256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	101.0 °C	213.8 °F	annealed; ASTM D-648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China