

PolyOne Geon™ CPVC LC500 Polyvinyl Chloride, Chlorinated (CPVC)

Category : Polymer , Thermoplastic , Vinyl (PVC) , Chlorinated PVC (CPVC)

Material Notes:

Geon LC500 CPVC is an extrusion grade rigid compound. It is designed for applications where enhanced resistance at elevated temperatures is needed. LC500 demonstrates ease of processing with excellent thermal stability. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-CPVC-LC500-Polyvinyl-Chloride-Chlorinated-CPVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.52 g/cc	1.52 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	84	84	ASTM D2240
Tensile Strength, Yield	52.9 MPa	7670 psi	Type I, 5.1 mm/min; ASTM D638
Tensile Modulus	2.62 GPa	380 ksi	Type I, 5.1 mm/min; ASTM D638
Flexural Strength	94.5 MPa	13700 psi	ASTM D790
Flexural Modulus	2.73 GPa	396 ksi	ASTM D790
Izod Impact, Notched	1.30 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	2.44 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	Compression Molded; ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	100 °C @Thickness 3.18 mm	212 °F @Thickness 0.125 in	Unannealed; ASTM D648
	104 °C @Thickness 3.18 mm	219 °F @Thickness 0.125 in	Annealed; ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	191 - 202 °C	376 - 396 °F	

Descriptive Properties	Value	Comments
Forms	Pellets	
Generic Material	CPVC	
Generic Name	Polyvinyl Chloride, Chlorinated (CPVC)	

Descriptive Properties <small>Processing Method</small>	Value <small>Extrusion</small>	Comments
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Automotive Interior Parts	
	Profiles	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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