

Geon™ CPVC EC520

Chlorinated Polyvinyl Chloride

PolyOne Corporation

Message:

Geon CPVC EC520 is an extrusion grade rigid compound. It is designed for applications where enhanced resistance at elevated temperatures in combination with superior physical properties is needed. EC520 demonstrates ease of processing with excellent thermal stability.

General Information			
Uses	Profiles		
	Siding Substrate		
Forms	Powder		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.51	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	84		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2550	MPa	ASTM D638
Tensile Strength ² (Yield)	51.7	MPa	ASTM D638
Flexural Modulus	2690	MPa	ASTM D790
Flexural Strength	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Compression Molded)	270	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed, 3.18 mm)	102	°C	ASTM D648
Extrusion	Nominal Value	Unit	
Melt Temperature	191 to 202	°C	
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

