

Geon™ Vinyl Rigid Extrusion L1361

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Rigid Extrusion L1361 is a Rigid Polyvinyl Chloride product. It can be processed by extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Plumbing/Piping/Potable Water. Primary characteristic: chemical resistant.

General Information			
Features	Good Chemical Resistance		
Uses	Piping		
Agency Ratings	NSF 51		
	NSF Type I		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
PVC Cell Classification	12454		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2830	MPa	ASTM D638
Tensile Strength ² (Yield)	50.5	MPa	ASTM D638
Flexural Modulus	2900	MPa	ASTM D790
Flexural Strength	104	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-40°C, 3.18 mm, Compression Molded)	51	J/m	ASTM D256A
Drop Impact Resistance			ASTM D4226
23°C ³	62.3	J/cm	
23°C ⁴	133	J/cm	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	70.0	°C	ASTM D648
CLTE - Flow	5.2E-5	cm/cm/°C	ASTM D696
Additional Information	Nominal Value		
Ease of Sizing	Good		
Extrusion	Nominal Value	Unit	
Melt Temperature	182 to 193	°C	
NOTE			
1.	Type I, 5.1 mm/min		

2.	Type I, 5.1 mm/min
3.	Procedure A, C.125 Dart
4.	Procedure B, C.125 Dart

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

