

Geon™ Vinyl Rigid Extrusion L0676

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Rigid Extrusion L0676 is a rigid polyvinyl chloride product. It can be processed by extrusion and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Typical application areas are: water pipes/pipes/drinking water. The main characteristics are: impact resistance.

General Information			
UL YellowCard	E41877-234263		
Features	Impact resistance, high		
	Low temperature impact resistance		
Uses	Profile		
Agency Ratings	NSF 51		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
PVC Cell Classification	16224		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	77		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2150	MPa	ASTM D638
Tensile Strength ² (Yield)	37.6	MPa	ASTM D638
Flexural Modulus	2190	MPa	ASTM D790
Flexural Strength	64.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256A
23°C, 3.18mm, injection molding	1400	J/m	ASTM D256A
Transverse flow: -40°C, 3.18mm, molded	64	J/m	ASTM D256A
Transverse flow: -18°C, 3.18mm, molded	700	J/m	ASTM D256A
Transverse flow: 23°C, 3.18mm, molded	1300	J/m	ASTM D256A
Flow: 23°C, 3.18mm, molded	1100	J/m	ASTM D256A
Drop Impact Resistance			ASTM D4226
23°C ³	80.5	J/cm	ASTM D4226
23°C ⁴	124	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	71.7	°C	ASTM D648
CLTE - Flow	8.1E-5	cm/cm/°C	ASTM D696

Additional Information	Nominal Value	
Ease of Sizing	Acceptable	
注释:按特定颜色获取NSF清单.请联系普立万公司获取该产品已认证颜色的最新清单.注释:分档是采用注塑模制样品进行缺口摆锤冲击试验确定的.		
Extrusion	Nominal Value	Unit
Melt Temperature	182 - 193	°C
NOTE		
1.	Type 1, 5.1 mm/min	
2.	Type 1, 5.1 mm/min	
3.	Procedure A, C.125 Throwing	
4.	Procedure B, C.125 Throwing	

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

