

Geon™ Vinyl Rigid Extrusion 78761

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Rigid Extrusion 78761 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. Geon™ Vinyl Rigid Extrusion 78761 applications include water pipes/pipes/drinking water and engineering/industrial accessories.

Features include:

flame retardant/rated flame

chemical resistance

General Information			
UL YellowCard	E41877-234155		
Features	Good chemical resistance		
Uses	Bar		
Agency Ratings	NSF 14		
	NSF 61		
	NSF Type I		
Forms	Cube		
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)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2830	MPa	ASTM D638
Tensile Strength ² (Yield)	50.3	MPa	ASTM D638
Flexural Modulus	2900	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256A
Transverse flow: 23°C, 3.18mm, molded	53	J/m	ASTM D256A
Flow: 23°C, 3.18mm, molded	48	J/m	ASTM D256A
Drop Impact Resistance			ASTM D4226
23°C ³	62.3	J/cm	ASTM D4226
23°C ⁴	145	J/cm	ASTM D4226
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

Flammability	Nominal Value	Test Method
Flame Rating (1.91mm, all)	V-0	UL 94
Additional Information	Nominal Value	
Ease of Sizing	Good	

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.

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	

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