

Geon™ Vinyl Rigid Extrusion 87262

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Rigid Extrusion 87262 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.

Features include:

flame retardant/rated flame

Good dimensional stability

General Information			
UL YellowCard	E41877-234188		
Features	Good dimensional stability		
	Good melt strength		
Uses	Profile		
Agency Ratings	NSF 51		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
PVC Cell Classification	16244		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	2610	MPa	ASTM D638
Tensile Strength ² (Yield)	40.9	MPa	ASTM D638
Flexural Modulus	2520	MPa	ASTM D790
Flexural Strength	73.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256A
Transverse flow: 23°C, 3.18mm, molded	1100	J/m	ASTM D256A
Flow: 23°C, 3.18mm, molded	810	J/m	ASTM D256A
Drop Impact Resistance			ASTM D4226
23°C ³	36.0	J/cm	ASTM D4226
23°C ⁴	36.0	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	73.9	°C	ASTM D648
CLTE - Flow	6.5E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating			UL 94

0.749mm, all	V-0	UL 94
3.00mm, all	5VA	UL 94
Additional Information	Nominal Value	
Ease of Sizing	Excellent	
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	

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