

Geon™ Vinyl Fittings 87322

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Fittings 87322 is a Rigid Polyvinyl Chloride product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Fittings 87322 include plumbing/piping/potable water and construction applications.

Characteristics include:

Flame Rated

Impact Resistant

General Information			
UL YellowCard	E41877-234189		
Features	High Impact Resistance		
	Medium Flow		
Uses	Construction Applications		
Agency Ratings	NSF 14		
	NSF 61		
	NSF Type II 4		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Spiral Flow	78.7	cm	
Molding Shrinkage - Flow	0.20 to 0.50	%	ASTM D955
PVC Cell Classification	16354		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2760	MPa	ASTM D638
Tensile Strength ² (Yield)	45.5	MPa	ASTM D638
Tensile Elongation ³ (Break)	110	%	ASTM D638
Flexural Modulus	2900	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256A
-18°C, 3.18 mm, Injection Molded	85	J/m	
23°C, 3.18 mm, Injection Molded	1100	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648

1.8 MPa, Unannealed, 6.35 mm	72.2	°C
1.8 MPa, Annealed, 6.35 mm	77.8	°C
Flammability	Nominal Value	Test Method
Flame Rating	V-0	UL 94
Injection	Nominal Value	Unit
Processing (Melt) Temp	199 to 210	°C
NOTE		
1.	Type I, 51 mm/min	
2.	Type I, 51 mm/min	
3.	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

