Geon™ Vinyl Fittings M1015

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Fittings M1015 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 M1015 include plumbing/piping/potable water and engineering/industrial parts.

General Information			
UL YellowCard	E41877-102329370		
Features	Medium Flow		
Uses	Fittings		
Agency Ratings	NSF 14		
	NSF 61		
	NSF Type I 4		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm³	ASTM D792
Spiral Flow	68.6	cm	
Molding Shrinkage - Flow	0.20 to 0.50	%	ASTM D955
PVC Cell Classification	12454		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus [1]	2960	MPa	ASTM D638
Tensile Strength [2] (Yield)	52.4	MPa	ASTM D638
Flexural Modulus (23°C, 3.18 mm)	2960	MPa	ASTM D790
Flexural Strength (23°C, 3.18 mm)	85.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	60	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed, 3.18 mm)	70.6	°C	ASTM D648
Injection	Nominal Value	Unit	
Processing (Melt) Temp	199 to 210	°C	
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		

Recommended distributors for this material

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