

Geon™ Vinyl Flexible XV3758

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible XV3758 is a flexible polyvinyl chloride product. It can be processed by extrusion or injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Geon™Vinyl Flexible XV3758 has applications including hoses, food contact applications and medical/health care.

Features include:

high gloss

accessible food

Radiation resistance

General Information			
Features	Highlight		
	Anti-gamma radiation		
	Compliance of Food Exposure		
Uses	Pipe		
	Pipe fittings		
	Medical devices		
Agency Ratings	FDA Food Exposure, Not Rated		
	FDA not rated		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	6.21	MPa	ASTM D412
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	15.9	MPa	ASTM D412A
Tensile Elongation ³ (Break)	350	%	ASTM D412A
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°C	ASTM D746
Additional Information			

注释:本化合物配方中所用的全部成分均在美国食品及药物管理局《联邦法规法典》第21章中列出.唯一的限制是,增塑剂 “仅用于高含水量食物”.本说明仅为食品及药物管理局清单关于该产品内容的概述.由用户负责确保此化合物适用于其预期应用.

NOTE	
1.	Method A,20 inches/min
2.	510 mm/min
3.	510 mm/min

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