

Geon™ Vinyl Flexible XV 1144

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible XV 1144 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 XV 1144 applications include hoses, food contact applications and medical/health care. The main characteristics are: accessible food.

General Information	
Features	Compliance of Food Exposure
Uses	Pipe
	Pipe fittings
	Medical devices
Agency Ratings	FDA Food Exposure, Not Rated
	FDA not rated
	USP Class VI
Appearance	Clear/transparent
Forms	Particle
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	8.27	MPa	ASTM D638
Tensile Strength ² (Break)	18.5	MPa	ASTM D638
Tensile Elongation ³ (Break)	450	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-35.0	°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.	Type 4, 5.1 mm/min
2.	Type 4, 510mm/min
3.	Type 4, 510mm/min

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