

Geon™ Vinyl Flexible HC18080G

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible HC18080G 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 HC18080G applications include food contact applications and medical/health care.

Features include:

accessible food

Radiation resistance

General Information	
Features	Anti-gamma radiation
	Compliance of Food Exposure
Uses	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	1.23	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 Strength ¹			ASTM D638
Fracture	17.6	MPa	ASTM D638
100% strain	11.0	MPa	ASTM D638
Tensile Elongation ² (Break)	340	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-36.0	°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, 510mm/min
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