

Geon™ HC 3165

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™HC 3165 is a flexible polyvinyl chloride product. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Geon™Application areas of HC 3165 include food contact applications and medical/health care. The main characteristics are: plasticization.

General Information			
Features	Non-phthalate plasticizer		
Uses	Medical devices		
Agency Ratings	CPSIA Compliant		
	FDA not rated		
Appearance	Clear/transparent		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Fracture	13.8	MPa	ASTM D638
100% strain	4.83	MPa	ASTM D638
Tensile Elongation ² (Break)	380	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-58.0	°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		
2.	Type 4, 510mm/min		

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