

Geon™ HC 2155

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon HC 2155 is a 55 Shore A non-phthalate flexible vinyl compound made from FDA sanctioned ingredients. HC 2155 can be used for extrusion and injection molding healthcare applications.

General Information			
Features	Non-phthalate plasticizer		
	Ethylene oxide disinfection		
	Workability, good		
	Definition, high		
	BPA-free		
Uses	Disposable Hospital Goods		
	Personal care		
	Pipe fittings		
	Connector		
	Medical/nursing supplies		
	Medical equipment		
	Medical devices		
Agency Ratings	FDA not rated		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Fracture	10.3	MPa	ASTM D638
100% strain	5.17	MPa	ASTM D638
Tensile Elongation ² (Break)	540	%	ASTM D638
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. | Type 4, 510mm/min |
| 2. | Type 4, 510mm/min |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

