

Geon™ Vinyl Flexible XV3821

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible XV3821 is a flexible polyvinyl chloride product. It can be processed by injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Geon™The application fields of Vinyl Flexible XV3821 include food contact applications, engineering/industrial accessories, sealing applications and medical/health care.

Features include:

- high liquidity
- accessible food
- Heat resistance

General Information			
Features	High liquidity		
	Thermal stability, good		
	Compliance of Food Exposure		
Uses	Washer		
	Seals		
	Medical devices		
Agency Ratings	FDA Food Exposure, Not Rated		
	FDA not rated		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	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	10.8	MPa	ASTM D638
100% strain	4.21	MPa	ASTM D638
Tensile Elongation ² (Break)	400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-31.0	°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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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

