

Geon™ Vinyl Flexible XV3919

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible XV3919 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. Typical application areas are: food contact applications. The main characteristics are: chemical resistance.

General Information	
Features	Good chemical resistance
Agency Ratings	FDA Food Exposure, Not Rated
Forms	Particle
Processing Method	Extrusion Injection molding

Physical	Nominal Value	Unit	Test Method
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Specific Gravity	1.27	g/cm ³	ASTM D792
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Hardness	Nominal Value	Unit	Test Method
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Durometer Hardness			ASTM D2240
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Shaw A	93		ASTM D2240
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Shaw A, 15 seconds	86		ASTM D2240
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Shaw D	48		ASTM D2240
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Shaw D, 15 seconds	33		ASTM D2240
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Mechanical	Nominal Value	Unit	Test Method
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Tensile Modulus - 100% Secant ¹ (23°C)	12.1	MPa	ASTM D638
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Tensile Strength ² (Break, 23°C)	19.0	MPa	ASTM D638
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Tensile Elongation ³ (Break, 23°C)	310	%	ASTM D638
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Thermal	Nominal Value	Unit	Test Method
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Brittleness Temperature	-19.4	°C	ASTM D746
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Additional Information	
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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	
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1.	510 mm/min
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2.	510 mm/min
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3.	510 mm/min
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