

# Geon™ Vinyl Flexible XV 3716

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

A transparent frosted PVC compound material, which is specially produced for extrusion and molding specified by FDA. The physical properties described below are typical values measured on compression molded sheets using accepted test methods.

General Information	
Features	Compliance of Food Exposure
Agency Ratings	FDA Food Exposure, Not Rated
	USP XXIII, Class VI
Appearance	Light green
Forms	Particle
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	3.45	MPa	ASTM D638
Tensile Strength <sup>2</sup> (Break)	10.3	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Yield)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-47.0	°C	ASTM D746

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	
1.	Type 4, 5.1 mm/min
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3.	Type 4, 5.1 mm/min

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