

# Geon™ Vinyl Flexible XV3910

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™ Vinyl Flexible XV3910 is a Flexible Polyvinyl Chloride product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Medical/Healthcare. Primary characteristic: plasticized.

General Information			
Features	Non-Phthalate Plasticizer		
Uses	Medical Devices		
Appearance	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm <sup>3</sup>	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 <sup>1</sup>			ASTM D638
Break	14.5	MPa	
100% Strain	5.17	MPa	
Tensile Elongation <sup>2</sup> (Break)	370	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-56.1	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	177 to 188	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	166 to 177	°C	
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		

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## Recommended distributors for this material

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