



Geon™ Vinyl Flexible XV 3716

Flexible Polyvinyl Chloride

Key Characteristics

Product Description

A Filled PVC compound formulated specifically for FDA extrusion and Molding applications. The physical properties listed below, are typical values obtained on compression molded sheets and tested in accordance with accepted test methods.

This compound is certified with USP 23 Class 6 requirements when pigmented to Green 1681 and Green 5503 tints.

General

Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Food Contact Acceptable		
Agency Ratings	• FDA Food Contact, Unspecified Rating	• USP XXIII, Class VI	
Appearance	• Light Green		
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	1.36	1.36	ASTM D792
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Modulus ²	500 psi	3.45 MPa	ASTM D638
Tensile Strength ² (Break)	1500 psi	10.3 MPa	ASTM D638
Tensile Elongation ² (Yield)	350 %	350 %	ASTM D638
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore A, 10 sec)	55	55	ASTM D2240
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Brittleness Temperature	-52.6 °F	-47.0 °C	ASTM D746

Additional Information

NOTE: All ingredients used in the formulation of this compound are listed in the United States FDA Code of Federal Regulations, Title 21. The only restriction is that the plasticizer is "For foods of high water content only". This statement is only an overview of the FDA listings for this product. It is the customer's responsibility to ensure that the compound is suitable for its intended application.

Notes

¹ Typical values are not to be construed as specifications.

² Type IV, 0.20 in/min (5.1 mm/min)

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