Geon™ Vinyl Flexible XV 3704

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible XV 3704 is a Flexible Polyvinyl Chloride product. It can be processed by coextrusion, extrusion, or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Flexible XV 3704 include hose/tubing and sealing applications.
Characteristics include:
Good Aesthetics
Low Temperature Resistant

General Information	
Additive	Biocide
Features	Good Surface Finish Low Temperature Resistant
Uses	Hose Seals Tubing Weatherstripping
Forms	Pellets
Processing Method	Coextrusion Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm³	ASTM D792
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness			ASTM D2240
Shore A	92		
Shore A, 15 sec	84		
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1]			ASTM D638
Break	19.4	MPa	
100% Strain	12.3	MPa	
Tensile Elongation [2] (Break)	340	%	ASTM D638
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Compression Set (23°C, 22 hr)	45	%	ASTM D395
Clash-Berg Modulus			ASTM D1043
--	607	MPa	
-30°C	310	MPa	

Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-36.7	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 204	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 182	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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