



Geon™ Vinyl Flexible A75MU

Flexible Polyvinyl Chloride

Key Characteristics

Product Description			
This product contains a UV screener			
General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• High Gloss	• Low to No Migration	• UV Resistant
Uses	• General Purpose		
Appearance	• Clear/Transparent		
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.23	1.23	ASTM D792
Molding Shrinkage - Flow	0.017 to 0.021 in/in	1.7 to 2.1 %	ASTM D955
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength ^{2, 3} (Break)	2100 psi	14.5 MPa	ASTM D638
Tensile Elongation ^{2, 3} (Break)	350 %	350 %	ASTM D638
Elastomers	Typical Value (English)	Typical Value (SI)	Test Method
Tear Strength ^{4, 3}	248 lbf/in	43.4 kN/m	ASTM D624
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness ³			ASTM D2240
Shore A	75	75	
Shore A, 3 sec	69	69	
Shore A, 15 sec	65	65	

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Processing (Melt) Temp	365 to 383 °F	185 to 195 °C
Extrusion	Typical Value (English)	Typical Value (SI)
Melt Temperature	338 to 356 °F	170 to 180 °C

Notes

¹ Typical values are not to be construed as specifications.

² 20 in/min (510 mm/min)

³ Compression molding samples used for testing

⁴ Die C, 20 in/min (510 mm/min)