

Geon™ Vinyl Flexible A7001

PVC, Flexible

GEON Performance Solutions

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.021	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	11	MPa	ASTM D 638
Elongation at Break	450	%	ASTM D 638
Shore A Hardness	70	-	ASTM D 2240
Tear Strength	40.3	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	18	%	ASTM D 395
Optical properties			
ASTM Data			
Haze	4	%	ASTM D 1003
Light Transmittance	82	%	ASTM D 1003
Other properties			
Density	1170	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	193 - 204	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Pellets

Special Characteristics

Transparent

Certifications

Drinking water contact, Drinking water contact NSF 61

Applications

General Purpose

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa