

Geon™ Vinyl Flexible C8000

PVC, Flexible

GEON Performance Solutions

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.019	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	11.7	MPa	ASTM D 638
Elongation at Break	380	%	ASTM D 638
Shore A Hardness	80	-	ASTM D 2240
Tear Strength	43.8	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	23	%	ASTM D 395
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Other properties			
Density	1400	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	193 - 204	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Pellets

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