

Geon™ Vinyl Fittings 206

PVC

GEON Performance Solutions

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	2620	MPa	ASTM D 638
Tensile Strength at Yield	44.5	MPa	ASTM D 638
Flexural Modulus	2760	MPa	ASTM D 790
Flexural Strength	81.4	MPa	ASTM D 790
Shore D Hardness	80	-	ASTM D 2240
Izod Impact notched, 1/8 in	1200	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	72.2	°C	ASTM D 648
Other properties			
Density	1450	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	199 - 210	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

High impact or impact modified

Certifications

Drinking water contact, Drinking water contact NSF 61

Applications

Building Construction

Regional Availability

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