

Geon™ Vinyl Fittings 87322

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	2760	MPa	ASTM D 638
Tensile Strength at Yield	45.5	MPa	ASTM D 638
Elongation at Break	110	%	ASTM D 638
Flexural Modulus	2900	MPa	ASTM D 790
Flexural Strength	82.7	MPa	ASTM D 790
Shore D Hardness	83	-	ASTM D 2240
Izod Impact notched, 1/8 in	1100	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	84.9	J/m	ASTM D 256
Temperature	0	°C	-
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
DTUL @ 264 psi	72.2	°C	ASTM D 648
Other properties			
Density	1330	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