

Geon™ Vinyl Fittings M1000

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	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	3030	MPa	ASTM D 638
Tensile Strength at Yield	49.6	MPa	ASTM D 638
Flexural Modulus	3100	MPa	ASTM D 790
Flexural Strength	91	MPa	ASTM D 790
Shore D Hardness	81	-	ASTM D 2240
Izod Impact notched, 1/8 in	53	J/m	ASTM D 256
Izod Impact notched, 1/4 in	37	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 66 psi	72.8	°C	ASTM D 648
DTUL @ 264 psi	72.2	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1400	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	199 - 210	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Certifications

Drinking water contact, Drinking water contact NSF 61

Regional Availability

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