

Geon™ Vinyl Fittings M1210

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	2480	MPa	ASTM D 638
Tensile Strength at Yield	42.7	MPa	ASTM D 638
Flexural Modulus	2780	MPa	ASTM D 790
Flexural Strength	74.5	MPa	ASTM D 790
Rockwell Hardness	R 107	-	ASTM D 785
Shore D Hardness	81	-	ASTM D 2240
Izod Impact notched, 1/8 in	1100	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	110	J/m	ASTM D 256
Temperature	0	°C	-
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	71.1	°C	ASTM D 648
Other properties			
Density	1380	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

Regional Availability

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