

Geon™ Vinyl Rigid Molding M5015

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	2790	MPa	ASTM D 638
Tensile Strength at Yield	48.3	MPa	ASTM D 638
Elongation at Break	44	%	ASTM D 638
Flexural Modulus	2650	MPa	ASTM D 790
Flexural Strength	75.8	MPa	ASTM D 790
Shore D Hardness	80	-	ASTM D 2240
Izod Impact notched, 1/8 in	530	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	72.2	°C	ASTM D 648
DTUL @ 264 psi	68.9	°C	ASTM D 648
Other properties			
Density	1400	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Applications

Building Construction, General Purpose

Regional Availability

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