

Geon™ Vinyl Rigid Extrusion L6180

PVC

GEON Performance Solutions

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2680	MPa	ASTM D 638
Tensile Strength at Yield	52.7	MPa	ASTM D 638
Flexural Modulus	2740	MPa	ASTM D 790
Flexural Strength	92.5	MPa	ASTM D 790
Shore D Hardness	85	-	ASTM D 2240
Izod Impact notched, 1/8 in	16	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	72	E-6/K	ASTM D 696
DTUL @ 264 psi	75.6	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1290	kg/m ³	ASTM D 792

Characteristics

Processing

Profile Extrusion, Other Extrusion

Delivery form

Pellets, Brown

Special Characteristics

U.V. stabilized or stable to weather

Applications

Building Construction

Regional Availability

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