

Geon™ Vinyl Flexible B6500

PVC, Flexible

GEON Performance Solutions

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.021	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	10.3	MPa	ASTM D 638
Elongation at Break	460	%	ASTM D 638
Shore A Hardness	65	-	ASTM D 2240
Tear Strength	38.5	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	22	%	ASTM D 395
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
Other properties			
Density	1240	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	188 - 199	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Pellets

Applications

General Purpose

Regional Availability

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