

Geon™ Vinyl Flexible B5500

PVC, Flexible

GEON Performance Solutions

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.025	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	7.58	MPa	ASTM D 638
Elongation at Break	460	%	ASTM D 638
Shore A Hardness	55	-	ASTM D 2240
Tear Strength	31.5	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	17	%	ASTM D 395

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	182 - 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