

Geon™ Vinyl Flexible B8500

PVC, Flexible

GEON Performance Solutions

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.014	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	16.2	MPa	ASTM D 638
Elongation at Break	400	%	ASTM D 638
Shore A Hardness	85	-	ASTM D 2240
Tear Strength	70.1	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	28	%	ASTM D 395

Other properties	Value	Unit	Test Standard
Density	1320	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
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