

Geon™ Vinyl Flexible A6500

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			
ASTM Data			
Tensile Strength at Break	9.65	MPa	ASTM D 638
Elongation at Break	440	%	ASTM D 638
Shore A Hardness	65	-	ASTM D 2240
Tear Strength	29.8	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	30	%	ASTM D 395
Optical properties			
ASTM Data			
Haze	3	%	ASTM D 1003
Light Transmittance	85	%	ASTM D 1003
Other properties			
Density	1150	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	188 - 199	°C	-

Characteristics**Processing**

Injection Molding, Pipe/Tube Extrusion, Other Extrusion

Delivery form

Pellets

Special Characteristics

Transparent

Regional Availability

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