

Geon™ Vinyl Flexible A8500

PVC, Flexible

GEON Performance Solutions

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.017	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	16.5	MPa	ASTM D 638
Elongation at Break	350	%	ASTM D 638
Shore A Hardness	85	-	ASTM D 2240
Tear Strength	77.1	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	45	%	ASTM D 395
Optical properties			
ASTM Data			
Haze	5	%	ASTM D 1003
Light Transmittance	80	%	ASTM D 1003
Other properties			
Density	1210	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	193 - 204	°C	-

Characteristics**Processing**

Injection Molding, Pipe/Tube Extrusion, Other Extrusion

Delivery form

Pellets

Special Characteristics

Transparent

Certifications

Drinking water contact, Drinking water contact NSF 61

Applications

General Purpose

Regional Availability

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