

Geon™ Vinyl Flexible A80U0

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	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	14.1	MPa	ASTM D 638
Elongation at Break	450	%	ASTM D 638
Shore A Hardness	80	-	ASTM D 2240
Tear Strength	57.8	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	25	%	ASTM D 395

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	4	%	ASTM D 1003
Light Transmittance	82	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	193 - 204	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Pellets

Special Characteristics

Transparent

Applications

General Purpose

Regional Availability

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