

Geon™ Vinyl Flexible A85U1

PVC, Flexible

GEON Performance Solutions

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	17.7	MPa	ASTM D 638
Elongation at Break	370	%	ASTM D 638
Shore A Hardness	80	-	ASTM D 2240
Tear Strength	82.3	kN/m	ASTM D 624
Thermal properties			
ASTM Data			
Limiting Oxygen Index	25	%	ASTM D 2863
Other properties			
Density	1220	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	193 - 204	°C	-

Characteristics

Processing

Injection Molding, Pipe/Tube Extrusion, Sheet Extrusion, 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