

PolyOne Geon™ Vinyl Flexible 86273 Trans 002 Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-86273-Trans-002-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	91	91	ASTM D2240
Tensile Stress	11.7 MPa @Strain 100 %	1700 psi @Strain 100 %	510 mm/min; ASTM D412A
Tensile Strength, Yield	18.6 MPa	2700 psi	510 mm/min; ASTM D412A
Elongation at Break	350 %	350 %	510 mm/min; ASTM D412A
Tear Strength	60.4 kN/m	345 pli	Die C, 510 mm/min; ASTM D624
Clash Berg Modulus	0.483 GPa	70.1 ksi	ASTM D1043

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-34.4 °C	-29.9 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	182 - 193 °C	360 - 379 °F	

Descriptive Properties	Value	Comments
Additive	Biocide	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
Regional Availability	Africa & Middle East	

Descriptive Properties	Value	Comments
	Asia Pacific	
	Europe	
	North America	
	South America	

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