

PolyOne Geon™ Vinyl Flexible A6DE3 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-A6DE3-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	15 sec; ASTM D2240
Tensile Strength at Break	24.8 MPa	3600 psi	510 mm/min; ASTM D638
Tensile Strength	23.2 MPa @Strain 100 %	3360 psi @Strain 100 %	510 mm/min; ASTM D638
Elongation at Break	280 %	280 %	510 mm/min; ASTM D638
Tear Strength	256 kN/m	1460 pli	Die C, 510 mm/min; ASTM D624

Thermal Properties	Metric	English	Comments
Brittleness Temperature	7.50 °C	45.5 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	182 - 193 °C	360 - 379 °F	
	193 - 204 °C	379 - 399 °F	

Descriptive Properties	Value	Comments
Additive	Biocide	
	UV Stabilizer	
Appearance	Clear/Transparent	
Features	High Gloss	
	UV Absorbing	
Forms	Pellets	

Generic Material Descriptive Properties	PVC Flexible Value	Comments
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
	Profile Extrusion	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	

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