

PolyOne Geon™ Vinyl Flexible A5DUB 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-A5DUB-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 D	42	42	15 sec; ASTM D2240
	54	54	ASTM D2240
Tensile Strength at Break	20.7 MPa	3000 psi	510 mm/min; ASTM D638
Tensile Strength	15.2 MPa	2200 psi	510 mm/min; ASTM D638
	@Strain 100 %	@Strain 100 %	
Elongation at Break	340 %	340 %	510 mm/min; ASTM D638
Tear Strength	117 kN/m	668 pli	Die C, 510 mm/min; ASTM D624

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-21.1 °C	-5.98 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	179 - 185 °C	354 - 365 °F	
	193 - 204 °C	379 - 399 °F	

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

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

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