

PolyOne Geon™ Vinyl Flexible A5DU0 Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Recommended for interior applications. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-A5DU0-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 g/cc	1.28 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	15 sec; ASTM D2240
Hardness, Shore D	42	42	15 sec; ASTM D2240
	50	50	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	118 kN/m	673 pli	Die C, 510 mm/min; ASTM D624
Clash Berg Modulus	0.800 GPa	116 ksi	ASTM D1043
	0.310 GPa	45.0 ksi	ASTM D1043
	@Temperature -11.0 °C	@Temperature 12.2 °F	

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

Processing Properties	Metric	English	Comments
Melt Temperature	179 - 191 °C	354 - 376 °F	

Descriptive Properties	Value	Comments
Additive	UV Stabilizer	
Appearance	Clear/Transparent	

Descriptive Properties	Value	Purpose	Comments
	High Gloss		
	UV Absorbing		
Forms	Pellets		
Generic Material	PVC, Flexible		
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)		
Processing Method	Profile Extrusion		
Regional Availability	Africa & Middle East		
	Asia Pacific		
	Europe		
	North America		
	South America		
Uses	General Purpose		

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