

PolyOne Geon™ Vinyl Flexible A5DM0 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-A5DM0-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.012 - 0.016 cm/cm	0.012 - 0.016 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	ASTM D2240
Tensile Strength at Break	19.3 MPa	2800 psi	510 mm/min; ASTM D638
Tensile Strength	13.1 MPa @Strain 100 %	1900 psi @Strain 100 %	510 mm/min; ASTM D638
Elongation at Break	320 %	320 %	510 mm/min; ASTM D638
Tear Strength	70.1 kN/m	400 pli	Die C, 510 mm/min; ASTM D624
Compression Set	50 % @Temperature 23.0 °C, Time 79200 sec	50 % @Temperature 73.4 °F, Time 22.0 hour	ASTM D395
Clash Berg Modulus	0.965 GPa	140 ksi	ASTM D1043
	0.310 GPa @Temperature -10.0 °C	45.0 ksi @Temperature 14.0 °F	ASTM D1043

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-18.9 °C	-2.02 °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
Appearance	Clear/Transparent	
Features	General Purpose	
	High Gloss	
	Low to No Migration	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	General Purpose	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China