

PolyOne Geon™ Vinyl Flexible A55G0 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-A55G0-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.027 - 0.031 cm/cm	0.027 - 0.031 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	48	48	15 sec; ASTM D2240
	55	55	ASTM D2240
Tensile Strength at Break	7.58 MPa	1100 psi	510 mm/min; ASTM D638
Tensile Strength	2.48 MPa @Strain 100 %	360 psi @Strain 100 %	510 mm/min; ASTM D638
Elongation at Break	410 %	410 %	510 mm/min; ASTM D638
Tear Strength	16.6 kN/m	94.7 pli	Die C, 510 mm/min; ASTM D624
Compression Set	30 % @Temperature 23.0 °C, Time 79200 sec	30 % @Temperature 73.4 °F, Time 22.0 hour	ASTM D395
Clash Berg Modulus	0.310 GPa @Temperature -50.0 °C	45.0 ksi @Temperature -58.0 °F	ASTM D1043

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-53.9 °C	-65.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	160 - 166 °C	320 - 331 °F	
	188 - 199 °C	370 - 390 °F	

Descriptive Properties	Value	Comments
------------------------	-------	----------

Appearance Descriptive Properties	Clear/Transparent Value	Comments
Features	General Purpose	
	Low Gloss	
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