

PolyOne Geon™ Vinyl Flexible B65T0 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-B65T0-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.019 - 0.023 cm/cm	0.019 - 0.023 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	15 sec; ASTM D2240
	65	65	ASTM D2240
Tensile Strength at Break	9.31 MPa	1350 psi	510 mm/min; ASTM D638
Tensile Strength	3.45 MPa @Strain 100 %	500 psi @Strain 100 %	510 mm/min; ASTM D638
Elongation at Break	460 %	460 %	510 mm/min; ASTM D638
Tear Strength	29.8 kN/m	170 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

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

Processing Properties	Metric	English	Comments
Melt Temperature	168 - 174 °C	334 - 345 °F	
	188 - 199 °C	370 - 390 °F	

Descriptive Properties	Value	Comments
Features	Medium Gloss	
Forms	Pellets	

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

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