

## PolyOne Geon™ Vinyl Flexible SL9994 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-SL9994-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-SL9994-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	15 sec; ASTM D2240
Tensile Strength at Break	20.3 MPa	2940 psi	Type IV, 510 mm/min; ASTM D638
Tensile Strength	14.5 MPa @Strain 100 %	2100 psi @Strain 100 %	Type IV, 510 mm/min; ASTM D638
Elongation at Break	250 %	250 %	Type IV, 510 mm/min; ASTM D638
Tear Strength	87.6 kN/m	500 pli	Die C, 510 mm/min; ASTM D624

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-31.1 °C	-24.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	193 - 199 °C	379 - 390 °F	
	199 - 204 °C	390 - 399 °F	

Descriptive Properties	Value	Comments
Additive	Biocide	
	Lubricant	
Features	High Flow	
	Lubricated	
Forms	Pellets	
Generic Material	PVC, Flexible	

Descriptive Properties	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	
Uses	Flooring	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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