

## PolyOne Geon™ Vinyl Flexible D6500 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-D6500-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-D6500-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.49 g/cc	1.49 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	15 sec; ASTM D2240
Tensile Strength at Break	6.89 MPa	999 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	360 %	360 %	510 mm/min; ASTM D638
Tear Strength	22.8 kN/m	130 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	-36.7 °C	-34.1 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	168 - 174 °C	334 - 345 °F	

Descriptive Properties	Value	Comments
Features	General Purpose	
	Low Gloss	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	

Processing Method Descriptive Properties	Extrusion Value	Comments
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](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