

PolyOne Geon™ Vinyl Flexible B5DW2 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-B5DW2-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.36 g/cc	1.36 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	37	37	15 sec; ASTM D2240
	50	50	ASTM D2240
Tensile Strength at Break	18.0 MPa	2610 psi	510 mm/min; ASTM D638
Tensile Strength	13.0 MPa	1890 psi	510 mm/min; ASTM D638
	@Strain 100 %	@Strain 100 %	
Elongation at Break	320 %	320 %	510 mm/min; ASTM D638
Tear Strength	77.8 kN/m	444 pli	Die C, 510 mm/min; ASTM D624
Compression Set	64 %	64 %	ASTM D395
	@Temperature 23.0 °C, Time 79200 sec	@Temperature 73.4 °F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-22.0 °C	-7.60 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	179 - 185 °C	354 - 365 °F	
	196 - 207 °C	385 - 405 °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	
	Profile Extrusion	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Decorative Parts	
	Edge Banding	
	Flooring	
	Furniture	
	Gaskets	
	Glazing	
	Outdoor Applications	
	Outdoor Furnishings	
	Protective Coverings	
	Tubing	
	Weatherstripping	

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