

Geon™ Vinyl Flexible G92B

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible G92B is a Flexible Polyvinyl Chloride product. It can be processed by extrusion, injection molding, or profile extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Furniture.

General Information	
Features	Medium Gloss
Uses	Furniture
	Profiles
Forms	Pellets
Processing Method	Extrusion
	Injection Molding
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	20.9	MPa	
100% Strain	15.9	MPa	
Tensile Elongation ² (Break)	280	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	105	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-16.1	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	26	%	ASTM D2863
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 204	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	179 to 185	°C	

NOTE

1. Type IV, 510 mm/min
2. Type IV, 510 mm/min
3. Die C, 510 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

