

# Geon™ Vinyl Flexible BP90W2

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™ Vinyl Flexible BP90W2 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

High Gloss

Plasticized

UV Stabilized

General Information			
Additive	Biocide		
	UV Stabilizer		
Features	High Gloss		
	Non-Phthalate Plasticizer		
	UV Absorbing		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	86		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>			ASTM D638
Break	15.9	MPa	
100% Strain	4.34	MPa	
Tensile Elongation <sup>2</sup> (Break)	360	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-30.0	°C	ASTM D746
Injection	Nominal Value	Unit	Test Method
Processing (Melt) Temp	193 to 204	°C	
Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	182 to 193	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		

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#### Recommended distributors for this material

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