

# Geon™ Vinyl Flexible G8024

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible G8024 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. Applications of Geon™ Vinyl Flexible G8024 include hose/tubing and furniture.

Characteristics include:

- Clarity
- High Gloss

General Information	
Features	High Clarity
	High Gloss
Uses	Furniture
	Hose
	Tubing
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	77		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>			ASTM D638
Break	17.1	MPa	
100% Strain	10.3	MPa	
Tensile Elongation <sup>2</sup> (Break)	320	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-32.8	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	188 to 199	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 182	°C	

NOTE	
1.	Type IV, 510 mm/min
2.	Type IV, 510 mm/min

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