

# Geon™ Vinyl Flexible P1500

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™ Vinyl Flexible P1500 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: Coating Applications.

General Information			
Features	General Purpose		
Uses	Coating Applications		
	General Purpose		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
	Profile Extrusion		
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)	73		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	16.5	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-35.6	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	24	%	ASTM D2863
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		

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