

# Geon™ Vinyl Flexible 90201

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™ Vinyl Flexible 90201 is a Flexible Polyvinyl Chloride product. It can be processed by encapsulating, extrusion, or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Flexible 90201 include automotive and outdoor applications.

General Information			
Uses	Automotive Applications		
	Outdoor Applications		
Forms	Pellets		
Processing Method	Encapsulating		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	74		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	13.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	340	%	ASTM D638
Tear Resistance <sup>3</sup>	47.5	kN/m	ASTM D1004
Fungal Resistance	Pass		ASTM G21
Low Temperature Flexibility <sup>4</sup> (-29°C, 508.0 µm)	Pass		
Volatile Loss <sup>5</sup> (105°C, 1.91 mm)	0.75	%	ASTM D1203B
Xenon Weatherometer <sup>6</sup>	Pass		SAE J1960
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		
3.	Die C, 2 in/min		
4.	4 hr, 12 mm		
5.	Method A		
6.	Exterior, 2500 kJ/m <sup>2</sup> , Black, dE* < 3.0		

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