

# Geon™ Vinyl Flexible 90453

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™Vinyl Flexible 90453 is a flexible polyvinyl chloride product. It can be processed by extrusion or injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Typical application areas are: automotive industry. The main characteristics are: low gloss.

General Information	
Features	Gloss, low
Uses	Application in Automobile Field Car interior equipment
Forms	Particle
Processing Method	Extrusion Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	16.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	340	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength <sup>3</sup>	75.3	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-8.00	°C	ASTM D746
Cold Flexibility <sup>4</sup> (-29°C, 1.91 mm)	Pass		GM 9503P
Fogging <sup>5</sup>	87	%	SAE J1756

Additional Information
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注释:汽车OEM认证.

NOTE	
1.	Type 4, 510mm/min
2.	Type 4, 510mm/min
3.	C mold, 510mm/min
4.	25 mm,4 hours
5.	6 hours, 203 °F(95°C),100 °F(38°C), after 16 hours

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