

# Geon™ Vinyl Flexible 90048

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™Vinyl Flexible 90048 is a flexible polyvinyl chloride product. It can be processed by co-extrusion or extrusion and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Geon™Vinyl Flexible 90048 applications include the automotive industry and outdoor applications. The main characteristics are: high gloss.

General Information	
Features	Highlight
Uses	Application in Automobile Field Car exterior decoration Outdoor application
Appearance	Clear/transparent
Forms	Particle
Processing Method	Co-extrusion molding Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	37		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	22.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	290	%	ASTM D638
Tear Resistance <sup>3</sup>	70.0	kN/m	ASTM D1004
Low Temperature Flexibility <sup>4</sup> (-29°C, 508.0 μm)	Pass		
Volatile Loss <sup>5</sup> (105°C, 1.91 mm)	0.40	%	ASTM D1203B
Antifungal	Pass		ASTM G21
Xenon Weatherometer <sup>6</sup>	Pass		SAE J1960
Additional Information	Nominal Value	Unit	Test Method

注释:汽车OEM认证.

NOTE	
1.	Type 4, 510mm/min
2.	Type 4, 510mm/min
3.	Mold C,2 inches/min
4.	4 hours, 12mm
5.	Method A

6. External, 2500 kJ/m, natural color,  
dE \* < 3.0

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#### Recommended distributors for this material

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