

# Geon™ Vinyl Flexible 90037

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™Vinyl Flexible 90037 is a flexible polyvinyl chloride product. It can be processed by injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Geon™Vinyl Flexible 90037 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		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	12.8	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	360	%	ASTM D638
Tear Resistance <sup>3</sup>	50.0	kN/m	ASTM D1004
Low Temperature Flexibility <sup>4</sup> (-29°C, 508.0 μm)	Pass		
Volatile Loss <sup>5</sup> (90°C, 1.91 mm)	0.34	%	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.	Emery
6.	External, 2500 kJ/m, all colors, dE * <3.0

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