

Geon™ Vinyl Flexible 90451

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible 90451 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. 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	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	72		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	13.4	MPa	ASTM D638
Tensile Elongation ² (Break)	350	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	56.0	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-34.0	°C	ASTM D746
Cold flexibility (-29°C, 1.91mm) ⁴	Pass		GM 9503P
Automotive Burn Test	0	mm/min	FMVSS 302
Fogging			SAE J1756
-- ⁵	88	%	SAE J1756
-- ⁶	90	%	SAE J1756
Xenon Weatherometer ⁷	Pass		SAE J1960
Additional Information	Nominal Value		Test Method

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


6.	3 hours, 212 °F(100°C),70 °F(21°C), after 1 hour
7.	Internal, 602 kJ/m, all colors, dE *<3.0

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