

Geon™ Vinyl Flexible 90212

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible 90212 is a flexible polyvinyl chloride product. It can be processed by encapsulation or injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Geon™ Vinyl Flexible 90212 applications include outdoor applications and the automotive industry.

General Information	
Features	Gloss, Medium
Uses	Application in Automobile Field
	Outdoor application
Forms	Particle
Processing Method	Enclosure
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	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 ¹ (Break)	12.4	MPa	ASTM D638
Tensile Elongation ² (Break)	210	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	68.3	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.0	°C	ASTM D746
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	20 - 40		ASTM D523
Additional Information	Nominal Value	Unit	Test Method
Volatile Loss ⁴ (105°C, 3.18 mm)	1.4	%	ASTM D1203B
Xenon Weatherometer ⁵		%	SAE J1960

临时产品信息 – 基于首次生产的物理和机械属性.

NOTE	
1.	Type 4, 510mm/min
2.	Type 4, 510mm/min
3.	C mold, 51mm/min
4.	Method A
5.	External, 2500 kJ/m, black, dE * < 3.0

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