

Geon™ Vinyl Flexible 90463

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible 90463 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	1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	89		ASTM D2240
Shaw A, 15 seconds	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	15.8	MPa	ASTM D638
Tensile Elongation ² (Break)	280	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	52.5	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-32.0	°C	ASTM D746
Cold Flexibility ⁴ (-29°C, 1.91 mm)	Pass		GM 9503P
Automotive Burn Test	20	mm/min	FMVSS 302
Xenon Weatherometer ⁵	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.	Internal, 602 kJ/m, all colors, dE * <3.0

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