

Geon™ Vinyl Flexible 90463

Flexible Polyvinyl Chloride
PolyOne Corporation



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Technical Data

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet
Search for UL Yellow Card	• PolyOne Corporation • Geon™ Vinyl Flexible
Availability	• Africa & Middle East • Asia Pacific • Europe • Latin America • North America
Features	• Low Gloss
Uses	• Automotive Applications • Automotive Interior Trim
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value Unit	Test Method
Specific Gravity	1.36 g/cm ³	ASTM D792
Mechanical	Nominal Value Unit	Test Method
Tensile Strength ³ (Break)	15.8 MPa	ASTM D638
Tensile Elongation ³ (Break)	280 %	ASTM D638
Elastomers	Nominal Value Unit	Test Method
Tear Strength ⁴	52.5 kN/m	ASTM D624
Hardness	Nominal Value Unit	Test Method
Durometer Hardness		ASTM D2240
Shore A	89	
Shore A, 15 sec	81	
Thermal	Nominal Value Unit	Test Method
Brittleness Temperature	-32.0 °C	ASTM D746
Cold Flexibility ⁵ (-29°C, 1.91 mm)	Pass	GM 9503P
Flammability	Nominal Value Unit	Test Method
Automotive Burn Test	20 mm/min	FMVSS 302
Additional Information	Nominal Value Unit	Test Method
Xenon Weatherometer ⁶	Pass	SAE J1960
Note: Automotive OEM approval(s).		

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

³ Type IV, 510 mm/min

⁴ Die C, 510 mm/min

⁵ 25 mm, 4 hr

⁶ Interior, 602 kJ/m², All Colors, dE* < 3.0

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PolyOne Corporation

Where to Buy

Supplier

PolyOne Corporation

Cleveland, OH USA

Telephone: 866-PolyOne

Web: <http://www.polyone.com/>

Distributor

PolyOne Distribution

PolyOne Distribution is a global distribution company. Contact PolyOne Distribution for availability of individual products by country.

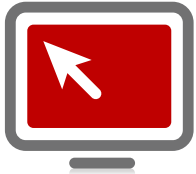
Telephone: 800-894-4266

Web: <http://polyonedistribution.com/>

Availability: Global



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– Kevin Chase, Owner & President, Chase Plastics



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