

Geon™ Vinyl Flexible 82024

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible 82024 is a flexible polyvinyl chloride product. It can be processed by extrusion or 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.

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

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	52		ASTM D2240
Shaw A, 15 seconds	46		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Fracture ¹	7.58	MPa	ASTM D638
100% strain ²	2.07	MPa	ASTM D638
Tensile Elongation ³ (Break)	450	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ⁴	19.3	kN/m	ASTM D624
Clash-Berg Modulus			ASTM D1043
-55°C	310	MPa	ASTM D1043
-35°C	13.8	MPa	ASTM D1043
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ASTM D746
Additional Information			
注释:汽车OEM认证.			
Extrusion	Nominal Value	Unit	
Melt Temperature	160 - 168	°C	

NOTE	
1.	Type 4, 510mm/min
2.	Type 4, 51mm/min
3.	Type 4, 510mm/min
4.	C mold, 510mm/min

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