

# Geon™ Vinyl Flexible B5546

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™Vinyl Flexible B5546 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. The main characteristics are: conductivity.

General Information			
Features	Static conduction		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	55		ASTM D2240
Shaw A, 15 seconds	40		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>			ASTM D638
Fracture	11.9	MPa	ASTM D638
50% strain	11.7	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	80	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	171 - 193	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		

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## Recommended distributors for this material

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