

Geon™ Vinyl Flexible R208AE

Polyvinyl Chloride + NBR

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R208AE is a Polyvinyl Chloride + NBR (PVC+NBR) product. It can be processed by extrusion or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Consumer Goods.

Characteristics include:

Chemical Resistant

Low Temperature Resistant

Wear Resistant

General Information	
Features	Good Abrasion Resistance
	Low Compression Set
	Low Temperature Resistant
	Oil Resistant
Uses	Footwear
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	15.2	MPa	ASTM D638
Tensile Elongation ² (Break)	380	%	ASTM D638
Ross Flex ³ (-23°C)	50000		ASTM D1052
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-23.9	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 204	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 182	°C	

NOTE	
1.	Type IV, 510 mm/min
2.	Type IV, 510 mm/min
3.	Cut Growth, 500%

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Recommended distributors for this material

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