

Geon™ Vinyl Flexible R277AM

Polyvinyl Chloride + NBR

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R277AM is a Polyvinyl Chloride + NBR (PVC+NBR) product. It can be processed by blow 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 Gloss

General Information			
Features	Low Gloss		
	Oil Resistant		
Uses	Footwear		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	51		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	8.27	MPa	ASTM D638
Tensile Elongation ² (Break)	450	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-47.8	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	182 to 193	°C	
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		

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Recommended distributors for this material

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