

Geon™ Vinyl Flexible R252AE

Polyvinyl Chloride + NBR

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R252AE is a Polyvinyl Chloride + NBR (PVC+NBR) product. It can be processed by coextrusion, extrusion, or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Flexible R252AE include construction applications and outdoor applications.

General Information	
Uses	Construction Applications
	Flooring
	Outdoor Applications
Forms	Pellets
Processing Method	Coextrusion
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	15.9	MPa	ASTM D638
Tensile Elongation ² (Break)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-32.2	°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		

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Recommended distributors for this material

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