

# Geon™ Vinyl Flexible R343AE

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™ Vinyl Flexible R343AE is a Flexible Polyvinyl Chloride product. It can be processed by extrusion, injection molding, or profile extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Construction Applications.

Characteristics include:

Chemical Resistant

Flame Retardant

UV Stabilized

General Information			
Additive	Biocide		
	UV Stabilizer		
Features	Flame Retardant		
	Oil Resistant		
	UV Absorbing		
Uses	Flooring		
	Profiles		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	67		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	17.1	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-35.0	°C	ASTM D746
Injection	Nominal Value	Unit	Test Method
Processing (Melt) Temp	188 to 199	°C	
Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	171 to 179	°C	
NOTE			
1.	Type IV, 510 mm/min		

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### Recommended distributors for this material

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