

# Geon™ Vinyl Flexible R323AE

Polyvinyl Chloride Elastomer

PolyOne Corporation

## Message:

Geon™ Vinyl Flexible R323AE is a Polyvinyl Chloride Elastomer (PVC Elastomer) 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. Typical application: Construction Applications. Primary characteristic: good adhesion.

General Information			
Additive	Biocide		
Features	Good Adhesion		
Uses	Construction Applications		
Forms	Pellets		
Processing Method	Coextrusion		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	69		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	16.5	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-48.9	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	188 to 199	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	171 to 182	°C	
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		

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