

# Geon™ Vinyl Flexible R339AE

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R339AE is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or profile extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Flexible R339AE include construction applications and furniture.

Characteristics include:

Heat Resistant

High Flow

General Information	
Features	General Purpose
	Good Thermal Stability
	High Flow
Uses	Furniture
	General Purpose
	Profiles
	Stair Tread
Forms	Pellets
Processing Method	Extrusion
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	20.7	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	300	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-17.2	°C	ASTM D746
UL Temperature Rating	60	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	26	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	185 to 191	°C	

NOTE	
1.	Type IV, 510 mm/min
2.	Type IV, 510 mm/min

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