

Geon™ Vinyl Flexible R350AE

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R350AE 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: Consumer Goods.

General Information	
Features	General Purpose
Uses	Footwear
	General Purpose
	Profiles
Forms	Pellets
Processing Method	Extrusion
	Injection Molding
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	18.6	MPa	ASTM D638
Tensile Elongation ² (Break)	280	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-26.1	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 204	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 191	°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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