

Geon™ Vinyl Flexible R157AE

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R157AE is a Flexible Polyvinyl Chloride product. It can be processed by extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Flexible R157AE include automotive and marine applications. Primary characteristic: uv stabilized.

General Information			
Additive	Biocide		
	UV Stabilizer		
Features	General Purpose		
	UV Absorbing		
Uses	Automotive Bumper		
	General Purpose		
	Marine Applications		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	91		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	18.8	MPa	ASTM D638
Tensile Elongation ² (Break)	300	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-8.89	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	182 to 191	°C	
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		

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