

Geon™ Vinyl Flexible R1700D

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R1700D 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. Typical application: Automotive. Primary characteristic: high gloss.

General Information			
Features	High Gloss		
Uses	Automotive Bumper		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	58		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	-7.78	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	26	%	ASTM D2863
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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Recommended distributors for this material

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