

Geon™ Vinyl Flexible R1700L

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R1700L 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. Typical application: Automotive. Primary characteristic: uv stabilized.

General Information	
Additive	UV Stabilizer
Features	General Purpose
	Medium Gloss
	UV Absorbing
Uses	Automotive Bumper
	General Purpose
	Profiles
Forms	Pellets
Processing Method	Extrusion
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	61		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	20.7	MPa	ASTM D638
Tensile Elongation ² (Break)	250	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	0.00	°C	ASTM D746
Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	177 to 185	°C	

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

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