

Geon™ Vinyl Flexible R296CM

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R296CM is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Flexible R296CM include construction applications and outdoor applications.

Characteristics include:

High Gloss

UV Stabilized

General Information	
Additive	Biocide
	UV Stabilizer
Features	General Purpose
	High Gloss
	UV Absorbing
Uses	Construction Applications
	Flooring
	General Purpose
	Outdoor Applications
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	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 ¹ (Break)	20.0	MPa	ASTM D638
Tensile Elongation ² (Break)	300	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-30.0	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 204	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	182 to 188	°C	
NOTE			

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

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