

Geon™ Vinyl Flexible R290AE

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible R290AE is a flexible polyvinyl chloride product. It can be processed by extrusion, profile extrusion molding or injection molding, and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.

Features include:

high gloss

UV stability

General Information	
Additive	UV stabilizer
Features	Highlight
	UV absorption
Uses	Profile
Appearance	Clear/transparent
Forms	Particle
Processing Method	Extrusion
	Profile extrusion molding
	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 D, 15 sec)	62		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	23.8	MPa	ASTM D638
Tensile Elongation ² (Break)	200	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-2.78	°C	ASTM D746

Additional Information			
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硬度计硬度 ASTM D2240标准,D级 (15 秒): 60到64

Injection	Nominal Value	Unit
Processing (Melt) Temp	193 - 210	°C
Extrusion	Nominal Value	Unit
Melt Temperature	179 - 191	°C

NOTE	
1.	Type 4, 510mm/min
2.	Type 4, 510mm/min

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