

# Geon™ Vinyl Flexible R881C

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R881C 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. Typical application: Construction Applications.

Characteristics include:

- High Flow
- Low Temperature Resistant

General Information	
Features	High Flow
	Low Temperature Resistant
Uses	Construction Applications
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	57		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	10.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	182 to 193	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 171	°C	

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

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