

# Geon™ Vinyl Flexible R1765K

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™ Vinyl Flexible R1765K 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. Primary characteristic: low gloss.

General Information	
Features	Low Gloss
Uses	Construction Applications
	Cove Base
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.55	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	8.96	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	250	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-18.9	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	24	%	ASTM D2863
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 204	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 179	°C	

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

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