

# Geon™ Vinyl Flexible FC801

Flexible Polyvinyl Chloride

PolyOne Corporation

## Message:

Geon™ Vinyl Flexible FC801 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.

General Information	
Features	General Purpose
Uses	General Purpose
Forms	Pellets
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness <sup>1</sup> (Shore A)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Break)	12.8	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break)	320	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-38.3	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	191 to 196	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 182	°C	

NOTE	
1.	Inst. Hardness +/- 5 units.
2.	510 mm/min
3.	510 mm/min

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