

Geon™ Vinyl Flexible F80E

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible F80E is a Flexible Polyvinyl Chloride product. It can be processed by extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Purging Compound.

Characteristics include:

Low Hardness

Stabilized

General Information			
Additive	Barium-Zinc Stabilizer		
Features	General Purpose		
	Good Melt Strength		
	Low Hardness		
Uses	General Purpose		
	Purging Compound		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	78		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	15.9	MPa	ASTM D638
Tensile Elongation ² (Break)	300	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-35.0	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	138 to 149	°C	
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		

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