

## PolyOne Geon™ Vinyl Flexible FC900 Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

### Material Notes:

Information provided by PolyOne

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Geon-Vinyl-Flexible-FC900-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-FC900-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.47 g/cc	1.47 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	Inst. Hardness +/- 5 units.; ASTM D2240
Tensile Strength at Break	15.9 MPa	2310 psi	510 mm/min; ASTM D638
Elongation at Break	330 %	330 %	510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-24.0 °C	-11.2 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	188 - 193 °C	370 - 379 °F	
	191 - 196 °C	376 - 385 °F	

Descriptive Properties	Value	Comments
Features	General Purpose	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	

Descriptive Properties	Value <b>America</b>	Comments
	South America	
Uses	General Purpose	

## Contact Songhan Plastic Technology Co.,Ltd.

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