

# Geon™ Vinyl Flexible B8503

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

A flexible PVC Compound with good resistance to migration to specific applications.

General Information			
Features	General Purpose		
	Medium Gloss		
Uses	General Purpose		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	84		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>			ASTM D638
Break	17.2	MPa	
100% Strain	8.96	MPa	
Tensile Elongation <sup>2</sup> (Break)	370	%	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	179 to 185	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

