

Geon™ Vinyl Flexible B8502

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 ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	88		
Shore A, 15 sec	81		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	16.5	MPa	
100% Strain	8.62	MPa	
Tensile Elongation ² (Break)	380	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (1.57 mm)	24	%	ASTM D2863
Injection	Nominal Value	Unit	
Processing (Melt) Temp	191 to 196	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 182	°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

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



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