

Geon™ Vinyl Flexible B9500

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible B9500 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. Typical application: Automotive. Primary characteristic: high gloss.

General Information			
Features	High Gloss		
Uses	Automotive Applications		
	Automotive Exterior Trim		
Forms	Cube		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec	87		
Shore D	52		
Shore D, 15 sec	37		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	19.2	MPa	
100% Strain	12.4	MPa	
Tensile Elongation ² (Break)	360	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	3.00	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 204	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	179 to 185	°C	
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		

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Recommended distributors for this material

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