

Geon™ Vinyl Flexible D8500

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible D8500 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. Primary characteristic: low gloss.

General Information			
UL YellowCard	E41877-234241		
Features	Low Gloss		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	85		
Shore A, 15 sec	78		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	11.7	MPa	
100% Strain	9.65	MPa	
Tensile Elongation ² (Break)	260	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	59.5	kN/m	ASTM D624
Compression Set (23°C, 22 hr)	40	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-26.1	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	174 to 179	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		
3.	Die C, 510 mm/min		

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Recommended distributors for this material

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