

Geon™ Vinyl Flexible B75TB

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible B75TB 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.

Characteristics include:

High Strength

UV Stabilized

General Information	
Additive	Biocide
	UV Stabilizer
Features	Low Temperature Strength
	Medium Gloss
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	16.0	MPa	
100% Strain	7.89	MPa	
Tensile Elongation ² (Break)	410	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	60.2	kN/m	ASTM D624
Compression Set (23°C, 22 hr)	48	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-45.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	22	%	ASTM D2863
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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