

Geon™ Vinyl Flexible C70T0

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible C70T0 is a Flexible Polyvinyl Chloride product. It can be processed by coextrusion or extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Sealing Applications. Primary characteristic: low gloss.

General Information	
Features	General Purpose
	Low Gloss
Uses	General Purpose
	Seals
	Weatherstripping
Forms	Pellets
Processing Method	Coextrusion
	Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	70		
Shore A, 15 sec	66		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	8.69	MPa	
100% Strain	4.09	MPa	
Tensile Elongation ² (Break)	360	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	39.2	kN/m	ASTM D624
Compression Set (23°C, 22 hr)	21	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-46.1	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 199	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	171 to 177	°C	
NOTE			

1.	510 mm/min
2.	510 mm/min
3.	Die C, 510 mm/min

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