

Geon™ Vinyl Flexible C70U0

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible C70U0 is a Flexible Polyvinyl Chloride product. It can be processed by coextrusion, extrusion, or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: uv stabilized.

General Information			
Additive	UV Stabilizer		
Features	Medium Gloss		
Forms	Pellets		
Processing Method	Coextrusion		
	Extrusion		
	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	70		
Shore A, 15 sec	64		

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	10.1	MPa	
100% Strain	4.34	MPa	
Tensile Elongation ² (Break)	390	%	ASTM D638

Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	35.0	kN/m	ASTM D624
Compression Set (23°C, 22 hr)	20	%	ASTM D395
Clash-Berg Modulus			ASTM D1043
--	81.4	MPa	
-46°C	310	MPa	

Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-42.2	°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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

