

Geon™ Vinyl Flexible 86273 Trans 002

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible 86273 Trans 002 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.

General Information			
Additive	Biocide		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	91		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	11.7	MPa	ASTM D412A
Tensile Strength ² (Yield)	18.6	MPa	ASTM D412A
Tensile Elongation ³ (Break)	350	%	ASTM D412A
Tear Strength ⁴	60.4	kN/m	ASTM D624
Clash-Berg Modulus	483	MPa	ASTM D1043
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-34.4	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	182 to 193	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		
3.	510 mm/min		
4.	Die C, 510 mm/min		

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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



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