

Geon™ Vinyl Wire & Cable W3400L

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Wire & Cable W3400L is a flexible PVC product. It can be processed by extrusion or injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Typical application areas are: wire and cable.

Features include:

flame retardant/rated flame

ROHS certification

Flame Retardant

General Information			
UL YellowCard	E41877-546970		
Features	Flame retardancy		
Uses	Wire and cable applications cord sheath		
Agency Ratings	UL 94 V-0		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	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 (Shore A, 15 sec)	77		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	15.2	MPa	ASTM D638
Tensile Elongation ² (Break)	300	%	ASTM D638
Aging	Nominal Value	Unit	
Tensile strength retention rate ³ (100°C, 889.0 µm)	100	%	
Elongation retention rate ⁴ (100°C, 889.0 µm)	90	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-36.0	°C	ASTM D746
UL Temperature Rating	75	°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.50 mm, BK	V-0		UL 94
1.50 mm, WT	V-0		UL 94

1.50 mm, YL	V-0	UL 94
1.90mm, all	V-0	UL 94
Oxygen Index (3.18 mm)	27	% ASTM D2863

Additional Information

注释:模制厚板的典型属性(0.075");不能视为技术规格.临时产品信息 - 基于首次生产的物理和机械属性.

Extrusion	Nominal Value	Unit
Melt Temperature	182 - 188	°C

NOTE

1.	Type 4, 510mm/min
2.	Type 4, 510mm/min
3.	240 hours, UL standard
4.	240 hours, UL standard

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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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