

Geon™ Vinyl Flexible R8206A

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible R8206A is a flexible PVC product. It can be processed by extrusion coating 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

Stable

General Information			
Additive	Lead stabilizer		
Features	Flame retardancy		
Uses	Wire and cable applications		
	Communication wire sheath		
Forms	Particle		
Processing Method	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	20.0	MPa	ASTM D638
Tensile Elongation ² (Break)	350	%	ASTM D638
Aging	Nominal Value	Unit	
Tensile strength retention rate ³ (100°C, 1.91 mm)	80	%	
Elongation retention rate ⁴ (100°C, 1.91 mm)	98	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-43.0	°C	ASTM D746
UL Temperature Rating	60	°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	4.1E+13	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (1.91 mm)	30	%	ASTM D2863
Additional Information			
注释:模制厚板(0.075")的典型属性;不能视为技术规格.			
Extrusion	Nominal Value	Unit	
Melt Temperature	165 - 175	°C	
NOTE			

1.	Type 4, 510mm/min
2.	Type 4, 510mm/min
3.	168 hours, UL standard
4.	168 hours, UL standard

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

