

Geon™ Vinyl Flexible R7831A

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible R7831A is a flexible polyvinyl chloride product. It 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
Flame Retardant
Stable

General Information			
UL YellowCard	E41877-234305		
Additive	Lead stabilizer		
Features	Flame retardancy		
Uses	Wire and cable applications		
Agency Ratings	CSA C-22.2 No. 6 VO (LS86302-2)		
	UL QMFZ2		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	16.5	MPa	ASTM D638
Tensile Elongation ² (Break)	350	%	ASTM D638
Aging	Nominal Value	Unit	
Elongation retention rate ³ (121°C, 1.91 mm)	100	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-30.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm, BK)	V-0		UL 94
Oxygen Index (3.18 mm)	28	%	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		

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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

