

Sylvin 7843-70 Red 683

Polyvinyl Chloride
Sylvin Technologies Incorporated

Message:
Sylvin 7843-70 Red 683 Is A Vinyl Compound Formulated For Electrical Molding Applications. This Compound Has A Underwriters Laboratory Listing As A Recognized Component With A UL 94 V0 Flame Rating At A Thickness Of 2.0 MM.

General Information			
UL YellowCard	E86418-101279586		
Uses	Electrical/Electronic Applications		
Appearance	Red		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	70		ASTM D2240
Shaw A, 10 seconds	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	10.3	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	40.3	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-30.0	°C	ASTM D746
Melting Temperature	160 - 171	°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Oxygen Index	28	%	ASTM D2863

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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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