

# Sylvin 9812-65 Red 683

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:  
Sylvin 9812-65 Red 683 Is A Vinyl Compound Formulated For Electrical Molding Applications That Require Better Flammability Resistance. This Compound Has A UL Listing As A Recognized Component And A Dielectric Strength Of 511 Volts/mil.

General Information			
UL YellowCard	E86418-455630		
Uses	Electrical/Electronic Applications		
Appearance	Red		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	65		ASTM D2240
Shaw A, 10 seconds	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	10.7	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	40.3	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-48.0	°C	ASTM D746
Melting Temperature	157 - 168	°C	
Flammability	Nominal Value	Test Method	
Flame Rating	V-2	UL 94	

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



WECHAT