

PERLEX® R2515

Polycarbonate

A. Schulman Europe

Message:

PERLEX® R2515 is a Polycarbonate (PC) material filled with 15% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary attribute of PERLEX® R2515: Flame Rated.

Typical application of PERLEX® R2515: Housings

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Uses	Electrical Housing Housings		
Physical	Nominal Value	Unit	Test Method
Density	1.28	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	9.0	g/10 min	ISO 1133
Molding Shrinkage	0.30 to 0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	77.0	MPa	ISO 527-2
Flexural Modulus	4900	MPa	ISO 178
Flexural Stress	145	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	10.0	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	138	°C	ISO 75-2/B
1.8 MPa, Unannealed	132	°C	ISO 75-2/A
Vicat Softening Temperature	145	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating	HB	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