

KEBATRON® PPS L2040G3

Polyphenylene Sulfide

BARLOG plastics GmbH

Message:

PPS, linear,40% glass fiber reinforced, reduced residual chlorine

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	Linear Polymer Structure		
Resin ID (ISO 1043)	PPS-GF40		
Physical	Nominal Value	Unit	Test Method
Density	1.65	g/cm³	ISO 1183
Water Absorption (Saturation, 23°C)	0.020	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	14500	MPa	ISO 527-2
Tensile Stress (Break)	145	MPa	ISO 527-2
Tensile Strain (Break)	1.2	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	265	°C	ISO 75-2/A
Melting Temperature ¹	285	°C	ISO 11357-3
CLTE - Flow	2.2E-5	cm/cm/°C	ISO 11359-2
Flammability	Nominal Value		Test Method
Flammability Classification ² (0.800 mm)	V-0		IEC 60695-11-10, -20
NOTE			
1.	10°C/min		
2.	UL Registered		

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