

Ultradur® B 2300 G6 HR LS BK15045

Polybutylene Terephthalate

BASF Corporation

Message:

Ultradur B 2300 G6 HR LS BK15045 is a hydrolysis resistant, laser sensitive, pigmented black 30% fiberglass reinforced PBT, exhibiting superior flow characteristics.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	High Flow		
	Hydrolysis Resistant		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.53	g/cm³	ISO 1183
Viscosity Number (Reduced Viscosity)	91.0	ml/g	ISO 1628
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	8400	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	111	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2.0	%	ISO 527-2
Flexural Modulus (23°C)	7900	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	207	°C	ISO 75-2/A
Melting Temperature (DSC)	223	°C	ISO 3146
CLTE			
Flow	1.7E-5	cm/cm/°C	
Transverse	1.2E-4	cm/cm/°C	
Injection	Nominal Value	Unit	
Drying Temperature	100 to 120	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.040	%	
Processing (Melt) Temp	250 to 275	°C	
Mold Temperature	40.0 to 70.0	°C	
Injection Pressure	3.45 to 10.3	MPa	
Injection Rate	Fast		
Back Pressure	< 1.00	MPa	

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

