

Ultradur® B 4300 G2 LS High Speed BK15045

Polybutylene Terephthalate

General			
Material Status	• Commercial: Active		
Availability	• North America		
Filler / Reinforcement	• Glass Fiber Reinforcement, 10% Filler by Weight		
Features	• Laser Markable		
Uses	• Automotive Applications • Automotive Electronics	• Cams • Electrical/Electronic Applications	• Handles • Household Goods
RoHS Compliance	• RoHS Compliant		
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical	Nominal Value	Unit	Test Method
Density	1380	kg/m ³	ISO 1183 ²
Melt volume-flow rate (250°C/2.16 kg)	35.0	cm ³ /10min	ISO 1133 ²
Viscosity Number	104	cm ³ /g	ISO 1628

Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	4560	MPa	ISO 527-2 ²
Tensile Stress (Break)	85.0	MPa	ISO 527-2 ²
Tensile Strain (Break)	3.6	%	ISO 527-2 ²

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2 ²
0.45 MPa	215	°C	
1.8 MPa	184	°C	
Melting Temperature (DSC)	223	°C	ISO 3146

Notes

¹ Typical properties: these are not to be construed as specifications.

² Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.

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如需要更多物性资料请查阅 www.kedisujiao.com

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