

Ultradur® B 4300 G4 LS High Speed BK15045

Polybutylene Terephthalate

General			
Material Status	• Commercial: Active		
Availability	• North America		
Filler / Reinforcement	• Glass Fiber Reinforcement, 20% Filler by Weight		
Features	• Fast Molding Cycle	• Good Flow	• Low Warpage
	• Good Dimensional Stability	• Laser Markable	
Uses	• Automotive Applications	• Automotive Exterior Parts	• Electrical/Electronic Applications
	• Automotive Electronics	• Cams	• Housings
RoHS Compliance	• RoHS Compliant		
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical			
	Nominal Value	Unit	Test Method
Density	1450	kg/m ³	ISO 1183 ²
Melt volume-flow rate (250°C/2.16 kg)	28.0	cm ³ /10min	ISO 1133 ²
Mechanical			
	Nominal Value	Unit	Test Method
Tensile modulus	7050	MPa	ISO 527-2 ²
Tensile Stress (Break)	115	MPa	ISO 527-2 ²
Tensile Strain (Break)	3.0	%	ISO 527-2 ²
Thermal			
	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2 ²
0.45 MPa	220	°C	
1.8 MPa	200	°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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