

Ultradur® B 4040 G6 LS High Speed BK15029

Polybutylene Terephthalate + PET

General		
Material Status	• Commercial: Active	
Availability	• North America	
Filler / Reinforcement	• Glass Fiber Reinforcement, 30% Filler by Weight	
Features	• Laser Markable	
Uses	• Automotive Exterior Parts	• Housings
Appearance	• Black	
Forms	• Pellets	
Processing Method	• Injection Molding	

Physical	Nominal Value	Unit	Test Method
Density	1560	kg/m ³	ISO 1183 ²
Melt volume-flow rate (275°C/2.16 kg)	50.0	cm ³ /10min	ISO 1133 ²
Viscosity number	87.0	cm ³ /g	ISO 307, 1157, 1628 ²

Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	10700	MPa	ISO 527-2 ²
Tensile Stress (Break)	135	MPa	ISO 527-2 ²
Tensile Strain (Break)	1.8	%	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	195	°C	
Melting Temperature ³	232	°C	ISO 11357-3 ²

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.

³ 10 °C/min

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

如需要更多物性资料请查阅 www.kedisujiao.com

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