

Ultradur® B 4040 G4 LS High Speed BK15029

Polybutylene Terephthalate + PET

General		
Material Status	• Commercial: Active	
Availability	• North America	
Filler / Reinforcement	• Glass Fiber Reinforcement, 20% Filler by Weight	
Features	• Laser Markable	
Uses	• Automotive Exterior Parts	• Housings
RoHS Compliance	• RoHS Compliant	
Appearance	• Black	
Forms	• Pellets	
Processing Method	• Injection Molding	

Physical	Nominal Value	Unit	Test Method
Density	1480	kg/m ³	ISO 1183 ²
Melt volume-flow rate (275°C/5.0 kg)	65.0	cm ³ /10min	ISO 1133 ²
Viscosity Number	86.0	cm ³ /g	ISO 1628
Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	7500	MPa	ISO 527-2 ²
Tensile Stress (Break)	110	MPa	ISO 527-2 ²
Tensile Strain (Break)	1.9	%	ISO 527-2 ²
Impact	Nominal Value	Unit	Test Method
Charpy notched impact strength (23°C)	5.90	kJ/m ²	ISO 179/1eA ²
Charpy Unnotched Impact Strength			ISO 179
-30°C	24	kJ/m ²	
23°C	26	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2 ²
0.45 MPa	214	°C	
1.8 MPa	180	°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.

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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