

Ultradur® S 4090 G6 LS BK15077

Polybutylene Terephthalate
BASF Corporation

General		
Material Status	• Commercial: Active	
Availability	• Europe	• North America
Filler / Reinforcement	• Glass Fiber Reinforcement, 30% Filler by Weight	
Features	• Good Chemical Resistance • High ESCR (Stress Crack Resist.)	• Laser Markable • Low Shrinkage
Uses	• Electrical Housing	• Housings
RoHS Compliance	• RoHS Compliant	
Appearance	• Black	
Forms	• Pellets	
Processing Method	• Injection Molding	

Physical	Nominal Value	Unit	Test Method
Density	1470	kg/m ³	ISO 1183 ²
Water Absorption			ISO 62 ²
Saturation	0.40	%	
Equilibrium	0.20	%	
Viscosity Number	111	cm ³ /g	ISO 1628

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	120	MPa	ISO 527-2 ²
Tensile Strain (Break)	2.3	%	ISO 527-2 ²
Flexural Modulus (23°C)	8510	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	7.00	kJ/m ²	ISO 180

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa)	192	°C	ISO 75-2 ²
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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