

# Ultradur® S 4090 G6X LS High Speed BLK15077

## Polybutylene Terephthalate + ASA

General		
Material Status	• Commercial: Active	
Availability	• Europe	
Filler / Reinforcement	• Glass Fiber Reinforcement, 30% Filler by Weight	
RoHS Compliance	• RoHS Compliant	
Forms	• Pellets	
Processing Method	• Extrusion	• Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.47	g/cm <sup>3</sup>	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/2.16 kg)	53.8	cm <sup>3</sup> /10min	ISO 1133

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	9670	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	125	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	2.2	%	ISO 527-2/5

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	220	°C	ISO 75-2/B
1.8 MPa, Unannealed	200	°C	ISO 75-2/A
Melting Temperature (DSC)	223	°C	ISO 3146

Additional Information
Flow Sprial Length, BASF Method, 2mm, 270°C/80°C: 61 cm
Melting Temperature, ISO 3146: 220 to 225°C

Injection	Nominal Value	Unit
Processing (Melt) Temp	250 to 275	°C
Mold Temperature	60.0 to 80.0	°C

Extrusion	Nominal Value	Unit
Melt Temperature	250 to 275	°C

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

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如需要更多物性资料请查阅 [www.kedisujiao.com](http://www.kedisujiao.com)

备注：以上原料物性数据由厂家发布,我公司仅提供参考！数据如有变动，请联系原料生产厂家获知。我公司不承担任何法律责任！