

Ultradur® B 4300 G6 LT BK15092
PBT-GF30

BASF

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10000	MPa	ISO 527
Stress at Break	140	MPa	ISO 527
Strain at Break	2.5	%	ISO 527
Impact Strength (Charpy), +23°C	64	kJ/m²	ISO 179/1eU
Impact Strength (Charpy), -30°C	9.3	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	9.6	kJ/m²	ISO 179/1eA
Flexural Modulus (23°C)	9000	MPa	ISO 178
Notched Impact Strength (Izod), 23°C	9	kJ/m²	ISO 180/1A

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	223	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	204	°C	ISO 75-1/-2

Other Properties	Value	Unit	Test Standard
ISO Data			
Water Absorption	0.4	%	Sim. to ISO 62
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1530	kg/m³	ISO 1183

Material Specific Properties	Value	Unit	Test Standard
ISO Data			
Viscosity number	102	cm³/g	ISO 307, 1157, 1628

Characteristics

Processing

Injection Molding

Delivery form

Black