

Ultramid® B3WG6 GIT BK807
PA6-GF30

BASF

Mechanical Properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	9400 / -	MPa	ISO 527
Stress at Break	175 / -	MPa	ISO 527
Strain at Break	3 / -	%	ISO 527
Impact Strength (Charpy), +23°C	65 / -	kJ/m²	ISO 179/1eU
Impact Strength (Charpy), -30°C	55 / -	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	9.5 / -	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	7 / -	kJ/m²	ISO 179/1eA
Flexural Modulus (23°C)	8500 / -	MPa	ISO 178
Notched Impact Strength (Izod), 23°C	10 / -	kJ/m²	ISO 180/1A
Thermal Properties			
ISO Data			
Melting Temperature (10°C/min)	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	205 / *	°C	ISO 75-1/-2
Other Properties			
ISO Data			
Water Absorption	6.6 / *	%	Sim. to ISO 62
Humidity absorption	2.1 / *	%	Sim. to ISO 62
Density	1350 / -	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding

Special Characteristics

UV stablized, Heat aging stabilized

Delivery form

Black