

Ultramid® B3G4 R01
PA6-GF20

BASF

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6700	MPa	ISO 527
Stress at Break	150	MPa	ISO 527
Strain at Break	3	%	ISO 527
Impact Strength (Charpy), +23°C	50	kJ/m ²	ISO 179/1eU
Thermal Properties			
ISO Data			
Melting Temperature (10°C/min)	220	°C	ISO 11357-1/-3
Other Properties			
ISO Data			
Density	1270	kg/m ³	ISO 1183
Bulk density	700	kg/m ³	-
Material Specific Properties			
ISO Data			
Viscosity number	145	cm ³ /g	ISO 307, 1157, 1628
Processing Recommendation Injection Molding			
Melt temperature	260 - 290	°C	-
Mold temperature	80 - 120	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Applications

Automotive, Building Construction, IT / Business Machine,
Electrical and Electronical