

Ultramid® B3G9 R01
PA6-GF45

BASF

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	14000	MPa	ISO 527
Stress at Break	215	MPa	ISO 527
Strain at Break	3.5	%	ISO 527
Impact Strength (Charpy), +23°C	105	kJ/m²	ISO 179/1eU
Thermal Properties			
ISO Data			
Melting Temperature (10°C/min)	220	°C	ISO 11357-1/-3
Other Properties			
ISO Data			
Density	1500	kg/m³	ISO 1183
Bulk density	700	kg/m³	-
Material Specific Properties			
ISO Data			
Viscosity number	130	cm³/g	ISO 307, 1157, 1628
Processing Recommendation Injection Molding			
Melt temperature	270 - 295	°C	-
Mold temperature	80 - 120	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Applications

Automotive