

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/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	1500	kg/m ³	ISO 1183
Bulk density	700	kg/m ³	-
Material Specific Properties			
ISO Data			
Viscosity number	130	cm ³ /g	ISO 307, 1157, 1628
Processing Recommendation Injection Molding			
Melt temperature	270 - 295	°C	-
Mold temperature	80 - 120	°C	-

Characteristics

Processing

Injection Molding

Applications

Automotive

Delivery form

Pellets

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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- any bodily implant application for greater than 30 days
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