

Ultramid® B3E2G9
PA6-GF45

BASF

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	15000	MPa	ISO 527
Stress at Break	225	MPa	ISO 527
Strain at Break	3.6	%	ISO 527
Impact Strength (Charpy), +23°C	105	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	18	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	16	kJ/m²	ISO 179/1eA

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1500	kg/m³	ISO 1183
Bulk density	700	kg/m³	-

Material Specific Properties	Value	Unit	Test Standard
ISO Data			
Viscosity number	135	cm³/g	ISO 307, 1157, 1628

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	280 - 300	°C	-
Mold temperature	80 - 90	°C	-

Characteristics

Processing

Injection Molding

Features

Color Stability

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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