

## Ultramid® B3GK24 LS bk.23296

PA6-(GF+GB)30

BASF

| Rheological properties     | Value | Unit      | Test Standard |
|----------------------------|-------|-----------|---------------|
| <b>ISO Data</b>            |       |           |               |
| Melt volume-flow rate, MVR | 50    | cm³/10min | ISO 1133      |
| Temperature                | 275   | °C        | -             |
| Load                       | 5     | kg        | -             |

| Mechanical Properties                   | Value | Unit  | Test Standard |
|-----------------------------------------|-------|-------|---------------|
| <b>ISO Data</b>                         |       |       |               |
| Tensile Modulus                         | 5850  | MPa   | ISO 527       |
| Stress at Break                         | 115   | MPa   | ISO 527       |
| Strain at Break                         | 5.6   | %     | ISO 527       |
| Impact Strength (Charpy), +23°C         | 50    | kJ/m² | ISO 179/1eU   |
| Notched Impact Strength (Charpy), +23°C | 4     | kJ/m² | ISO 179/1eA   |
| Flexural Modulus (23°C)                 | 4500  | MPa   | ISO 178       |

| Thermal Properties             | Value | Unit | Test Standard  |
|--------------------------------|-------|------|----------------|
| <b>ISO Data</b>                |       |      |                |
| Melting Temperature (10°C/min) | 220   | °C   | ISO 11357-1/-3 |

| Other Properties | Value | Unit  | Test Standard |
|------------------|-------|-------|---------------|
| <b>ISO Data</b>  |       |       |               |
| Density          | 1350  | kg/m³ | ISO 1183      |
| Bulk density     | 700   | kg/m³ | -             |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---------------------------------------------|-----------|------|---------------|
| Melt temperature                            | 270 - 290 | °C   | -             |
| Mold temperature                            | 80 - 90   | °C   | -             |

### Characteristics

#### Processing

Injection Molding

#### Features

Laser Markable

#### Delivery form

Pellets, Black

#### Applications

Automotive, Electrical and Electronical

### 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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