

# GERMAMID 6.6 CF 12-7163

Polyamide 66

Kunststoff-Kontor-Hamburg GmbH

## Message:

GERMAMID 6.6 CF 12-7163 is a polyamide 66 (nylon 66) material. This product is available in Europe.

| General Information                               |               |                   |             |
|---------------------------------------------------|---------------|-------------------|-------------|
| Forms                                             | Particle      |                   |             |
| Physical                                          | Nominal Value | Unit              | Test Method |
| Density                                           | 1.16          | g/cm <sup>3</sup> | ISO 1183    |
| Molding Shrinkage                                 | 0.30 - 0.60   | %                 | ISO 294-4   |
| Water Absorption (Saturation, 23°C)               | 2.0           | %                 | ISO 62      |
| Mechanical                                        | Nominal Value | Unit              | Test Method |
| Tensile Modulus                                   | 9000          | MPa               | ISO 527-2   |
| Tensile Stress (Yield)                            | 160           | MPa               | ISO 527-2   |
| Tensile Strain (Break)                            | 2.0           | %                 | ISO 527-2   |
| Impact                                            | Nominal Value | Unit              | Test Method |
| Charpy Notched Impact Strength                    | 4.0           | kJ/m <sup>2</sup> | ISO 179/1eA |
| Charpy Unnotched Impact Strength                  | 25            | kJ/m <sup>2</sup> | ISO 179/1eU |
| Thermal                                           | Nominal Value | Unit              | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 250           | °C                | ISO 75-2/A  |
| Melting Temperature                               | 255           | °C                |             |
| Electrical                                        | Nominal Value | Unit              | Test Method |
| Surface Resistivity                               | 1.0E+4        | ohms              | IEC 60093   |
| Additional Information                            |               |                   |             |
| Surface Resistivity, IEC 60093: 100 to 10000 ohm  |               |                   |             |

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## Recommended distributors for this material

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