## LURANYL® KR 2403/01 G4

(PPE+PS)-GF20 Romira GmbH

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| Melt volume-flow rate, MVR | **78** | cm³/10min | ISO 1133 |
| Temperature | **300** | °C | - |
| Load | **21.6** | kg | - |
| Molding shrinkage, parallel | **0.4** | % | ISO 294-4, 2577 |
| Thermal conductivity of melt | **0.22** | W/(m K) | - |

| Mechanical properties | Value | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| Tensile Modulus | **6000** | MPa | ISO 527 |
| Tensile Strength | **106** | MPa | ISO 527 |
| Strain at break | **5** | % | ISO 527 |
| Flexural modulus, 23°C | **5300** | MPa | ISO 178 |
| Flexural strength | **140** | MPa | ISO 178 |
| Charpy impact strength, +23°C | **35** | kJ/m² | ISO 179/1eU |
| Charpy impact strength, -30°C | **35** | kJ/m² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | **9** | kJ/m² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| Temp. of deflection under load, 1.80 MPa | **164** | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | **172** | °C | ISO 306 |
| Coeff. of linear therm. expansion, parallel | **65** | E-6/K | ISO 11359-1/-2 |
| Burning behav. at 1.5 mm nom. thickn. | **HB** | class | IEC 60695-11-10 |
| Thickness tested | **1.5** | mm | - |

| Other properties | Value | Unit | Test Standard |
|---|---|---|---|
| Humidity absorption | **0.1** | % | Sim. to ISO 62 |
| Density | **1200** | kg/m³ | ISO 1183 |

### Characteristics

**Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat