

**LURANYL® KR 2460-3**

(PPE+PS)

Romira GmbH

| Processing/Physical Characteristics | Value       | Unit                   | Test Standard   |
|-------------------------------------|-------------|------------------------|-----------------|
| <b>ISO Data</b>                     |             |                        |                 |
| Melt volume-flow rate, MVR          | <b>10</b>   | cm <sup>3</sup> /10min | ISO 1133        |
| Temperature                         | <b>250</b>  | °C                     | -               |
| Load                                | <b>21.6</b> | kg                     | -               |
| Molding shrinkage, parallel         | <b>0.6</b>  | %                      | ISO 294-4, 2577 |
| Thermal conductivity of melt        | <b>0.19</b> | W/(m K)                | -               |

| Mechanical properties                 | Value       | Unit              | Test Standard |
|---------------------------------------|-------------|-------------------|---------------|
| <b>ISO Data</b>                       |             |                   |               |
| Tensile Modulus                       | <b>2500</b> | MPa               | ISO 527       |
| Tensile Strength                      | <b>54</b>   | MPa               | ISO 527       |
| Yield strain                          | <b>5</b>    | %                 | ISO 527       |
| Flexural strength                     | <b>120</b>  | MPa               | ISO 178       |
| Charpy impact strength, +23°C         | <b>N</b>    | kJ/m <sup>2</sup> | ISO 179/1eU   |
| Charpy impact strength, -30°C         | <b>N</b>    | kJ/m <sup>2</sup> | ISO 179/1eU   |
| Charpy notched impact strength, +23°C | <b>18</b>   | kJ/m <sup>2</sup> | ISO 179/1eA   |

| Thermal properties                          | Value      | Unit  | Test Standard   |
|---|------------|-------|-----------------|
| <b>ISO Data</b>                             |            |       |                 |
| Temp. of deflection under load, 1.80 MPa    | <b>128</b> | °C    | ISO 75-1/-2     |
| Vicat softening temperature, B              | <b>160</b> | °C    | ISO 306         |
| Coeff. of linear therm. expansion, parallel | <b>65</b>  | E-6/K | ISO 11359-1/-2  |
| Burning behav. at thickness h               | <b>V-0</b> | class | IEC 60695-11-10 |
| Thickness tested                            | <b>0.8</b> | mm    | -               |
| Yellow Card available                       | <b>yes</b> | -     | -               |
| Burning behav. 5V at thickness h            | <b>5VB</b> | class | IEC 60695-11-20 |
| Thickness tested                            | <b>2.1</b> | mm    | -               |
| Yellow Card available                       | <b>yes</b> | -     | -               |

| Other properties | Value       | Unit              | Test Standard |
|------------------|-------------|-------------------|---------------|
| Density          | <b>1080</b> | kg/m <sup>3</sup> | ISO 1183      |

**Characteristics****Special Characteristics**

Flame retardant, Halogen-free, Heat stabilized or stable to heat

**Regional Availability**

North America, Europe, Asia Pacific

**Applications**

Automotive, Electrical and Electronical