

**THERMOLAST® K TC2PAN**

TPE

KRAIBURG TPE GmbH &amp; Co. KG

| <b>Mechanical properties</b>   | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--------------------------------|--------------|-------------|----------------------|
| <b>ISO Data</b>                |              |             |                      |
| Tensile Strength               | <b>1</b>     | MPa         | ISO 37               |
| Strain at break                | <b>450</b>   | %           | ISO 37               |
| Compression set at 70 °C, 24h  | <b>73</b>    | %           | ISO 815              |
| Compression set at 100 °C, 24h | <b>87</b>    | %           | ISO 815              |
| Tear strength                  | <b>8</b>     | kN/m        | ISO 34-1             |
| Shore A hardness               | <b>23</b>    | -           | ISO 7619-1           |

| <b>Thermal properties</b>     | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|-------------------------------|--------------|-------------|----------------------|
| <b>ISO Data</b>               |              |             |                      |
| Burning behav. at thickness h | <b>HB</b>    | class       | IEC 60695-11-10      |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1150</b>  | kg/m <sup>3</sup> | ISO 1183             |

| <b>Processing Recommendation Injection Molding</b> | <b>Value</b>    | <b>Unit</b> | <b>Test Standard</b> |
|--|-----------------|-------------|----------------------|
| Pre-drying - Temperature                           | <b>60 - 80</b>  | °C          | -                    |
| Pre-drying - Time                                  | <b>2 - 4</b>    | h           | -                    |
| Mold temperature                                   | <b>40 - 60</b>  | °C          | -                    |
| Injection pressure                                 | <b>20 - 100</b> | MPa         | -                    |
| Back pressure                                      | <b>2 - 10</b>   | MPa         | -                    |
| Holding pressure                                   | <b>8 - 60</b>   | MPa         | -                    |
| Maximum residence time                             | <b>10</b>       | min         | -                    |

**Characteristics****Processing**

Injection Molding

**Delivery form**

Natural Color

**Special Characteristics**

U.V. stabilized or stable to weather

**Features**

Good Adhesion

**Applications**

Automotive

**Regional Availability**

North America, Europe, Asia Pacific