

**THERMOLAST® K TP5CDE**

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>5.1</b>   | MPa         | ISO 37               |
| Strain at break               | <b>727</b>   | %           | ISO 37               |
| Compression set at 70 °C, 24h | <b>35</b>    | %           | ISO 815              |
| Tear strength                 | <b>20</b>    | kN/m        | ISO 34-1             |
| Shore A hardness              | <b>49</b>    | -           | ISO 7619-1           |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1160</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           | -                    |

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Delivery form**

Natural Color

**Features**

Good Adhesion, Weldable

**Applications**

Building Construction

**Regional Availability**

North America, Europe, Asia Pacific