

THERMOLAST® K TF5WKF

TPE

KRAIBURG TPE GmbH & Co. KG

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Tensile Strength | 10 | MPa | ISO 37 |
| Strain at break | 800 | % | ISO 37 |
| Tear strength | 15 | kN/m | ISO 34-1 |
| Shore A hardness | 53 | - | ISO 7619-1 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 890 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 60 - 80 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Melt temperature | 200 - 250 | °C | - |
| Mold temperature | 25 - 40 | °C | - |
| Zone 1 | 180 - 200 | °C | - |
| Zone 2 | 200 - 220 | °C | - |
| Zone 3 | 220 - 250 | °C | - |
| Injection pressure | 20 - 100 | MPa | - |
| Back pressure | 2 - 10 | MPa | - |
| Holding pressure | 8 - 60 | MPa | - |
| Maximum residence time | 10 | min | - |

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Natural Color

Features

Good Adhesion, Soft Feel

Certifications

Food contact, Drinking water contact, Drinking water contact KTW, Drinking water contact DVGW W270

Regional Availability

North America, Europe, Asia Pacific