

**THERMOLAST® K TC8RQP**

TPE

KRAIBURG TPE GmbH &amp; Co. KG

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	7	MPa	ISO 37
Strain at break	500	%	ISO 37
Compression set at 70 °C, 24h	65	%	ISO 815
<b>Other Standards<sup>[S]</sup></b>			
Shore A hardness	78	-	ISO 48-4

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	920	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	60 - 80	°C	-
Pre-drying - Time	2 - 4	h	-
Mold temperature	40 - 80	°C	-
Zone 1	180	°C	-
Zone 2	210	°C	-
Zone 3	240	°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

**Delivery form**

Black

**Special Characteristics**

U.V. stabilized or stable to weather

**Features**

Color Stability, Good Adhesion, High Coefficient of Friction, Thermal Stability

**Applications**

Automotive, Encapsulation

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa