

THERMOLAST® K TC8CEN

TPE

KRAIBURG TPE GmbH & Co. KG

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	18	MPa	ISO 37
Strain at break	580	%	ISO 37
Tear strength	35	kN/m	ISO 34-1
Shore A hardness	80	-	ISO 7619-1

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

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	180 - 220	°C	-
Mold temperature	40 - 60	°C	-
Zone 1	180 - 190	°C	-
Zone 2	190 - 200	°C	-
Zone 3	200 - 220	°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

Natural Color

Features

Good Adhesion, Low Fogging, Low Odor, Scratch Resistant, Soft Feel

Chemical Resistance

General Chemical Resistance, Grease Resistance, Oil Resistance

Applications

Automotive, Packaging

Regional Availability

North America, Europe, Asia Pacific