

THERMOLAST® K TC7HBA

TPE

KRAIBURG TPE GmbH & Co. KG

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	6	MPa	ISO 37
Strain at break	600	%	ISO 37
Tear strength	22	kN/m	ISO 34-1
Shore A hardness	70	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Density	1130	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	80 - 110	°C	-
Zone 1	180 - 210	°C	-
Zone 2	210 - 240	°C	-
Zone 3	240 - 250	°C	-
Injection pressure	20 - 100	MPa	-
Back pressure	2 - 10	MPa	-
Holding pressure	8 - 60	MPa	-
Maximum residence time	4	min	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Applications

Automotive

Delivery form

Natural Color

Regional Availability

North America, Europe, Asia Pacific

Features

Good Adhesion, Low Fogging, Low Odor