

THERMOLAST® K TC7WEZ-901

TPE

KRAIBURG TPE GmbH & Co. KG

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	8.2	MPa	ISO 37
Strain at break	690	%	ISO 37
Tear strength	22.5	kN/m	ISO 34-1
Shore A hardness	72	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Density	941	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

Black

Special Characteristics

U.V. stabilized or stable to weather

Features

Good Adhesion, Low Fogging, Low Odor

Applications

Automotive, Encapsulation

Regional Availability

North America, Europe, Asia Pacific