

THERMOLAST® K TP3LDZ

TPE

KRAIBURG TPE GmbH & Co. KG

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	5.5	MPa	ISO 37
Strain at break	800	%	ISO 37
Compression set at 70 °C, 24h	30	%	ISO 815
Compression set at 100 °C, 24h	52	%	ISO 815
Tear strength	8	kN/m	ISO 34-1
Shore A hardness	32	-	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	970	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, Heat stabilized or stable to heat

Features

Good Adhesion, Low Fogging, Low Odor

Applications

Automotive, Encapsulation

Regional Availability

North America, Europe, Asia Pacific