

THERMOLAST® K TC5MLZ

TPE

KRAIBURG TPE GmbH & Co. KG

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	3.5	MPa	ISO 37
Strain at break	600	%	ISO 37
Tear strength	13	kN/m	ISO 34-1
Shore A hardness	49	-	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	1100	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	40 - 60	°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	10	min	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Black

Special Characteristics

U.V. stabilized or stable to weather

Features

Good Adhesion, Low Emission, Low Odor, Soft Feel

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific