

THERMOLAST® K TF5WHA

TPE

KRAIBURG TPE GmbH & Co. KG

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	15	MPa	ISO 37
Strain at break	700	%	ISO 37
Shore A hardness	55	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Density	900	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

Special Characteristics

Translucent

Features

Good Adhesion

Certifications

Food contact, Drinking water contact, Drinking water contact KTW, Drinking water contact DVGW W270

Regional Availability

North America, Europe, Asia Pacific