

**THERMOLAST® K TP5HPG**

TPE

KRAIBURG TPE GmbH &amp; Co. KG

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	7	MPa	ISO 37
Strain at break	750	%	ISO 37
Compression set at 70 °C, 24h	35	%	ISO 815
Shore A hardness	50	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Density	1150	kg/m <sup>3</sup>	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**

U.V. stabilized or stable to weather

**Features**

Good Adhesion, Weldable

**Applications**

Building Construction

**Regional Availability**

North America, Europe, Asia Pacific