

## THERMOLAST® K TL6OCW-BLCK (Series: LW/CS/UV)

### KRAIBURG TPE - Thermoplastic Elastomer

#### General Information

##### Product Description

The LW/CS/UV Series is your lightweight material solution for applications with superior requirements on sealing performance. The compounds are especially suited for automotive exterior applications. They are available in black colors.

##### Typical applications

- Automotive Exterior
- Seals
- Glass Run Channel
- Seals for windows and doors
- Grommets
- Heavy-walled parts

##### Material advantages

- Low density
- Adhesion to PP
- Optimized compression set
- UV and weathering resistance
- Resilience
- Non-sticky surface
- In-process recycling possible
- Low shrinkage properties
- Low tendency to warpage

##### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Adhesion • Good Compression Set • Good Weather Resistance • Low Density	• Low Shrinkage • Low Warpage • Non-sticky • Recyclable Material	• Resilient • UV Resistant
Uses	• Automotive Exterior Parts • Gaskets	• Grommets • Seals	• Thick-walled Parts
Appearance	• Black		
Processing Method	• Extrusion	• Injection Molding	

#### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	0.730	g/cm <sup>3</sup>	ISO 1183
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>2</sup> (Yield)	435	psi	ISO 37
Tensile Elongation <sup>2</sup> (Break)	200	%	ISO 37
Tear Strength <sup>3</sup>	57.1	lbf/in	ISO 34-1
Compression Set <sup>4</sup>			ISO 815
73°F, 72 hr	12	%	
158°F, 24 hr	17	%	
212°F, 24 hr	28	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	65		ISO 48-4

