

**THERMOLAST® K TC8LEZ (Series: UV/FG)**
**KRAIBURG TPE - Thermoplastic Elastomer**
**General Information**
**Product Description**

The UV/FG series is your material solution for applications requiring UV resistance and adhesion to PP. The compounds are suitable for automotive exterior applications and available in black.

**Typical applications**

- Roof racks
- Water deflectors
- Cowls gaskets
- Active Grill Shutter (AGS)
- Air guide elements
- A/B/C/D cappings and covers
- Air intake duct and air filter
- Door opener
- Door trims
- Wheel arch liner
- Underbody guard

**Material advantages**

- Weather resistant, suitable for automotive exterior
- Adhesion to PP
- In-process recycling possible

**Regulations / Approvals**

- 49 CFR §571.302 (FMVSS 302)
- PV 3930 Florida (1 year)
- PV 3930 Florida (2 years)
- PV 3929 Kalahari (1 year)
- PV 3929 Kalahari (2 years)
- Outdoor Weathering Florida 24 month SAE J1976
- Outdoor Weathering Arizona 24 month SAE J1976
- VW 50123
- BMW GS 93042
- Daimler DBL 5562
- PSA B62 0300
- Renault 03-10-104
- GM GMW 16233

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Good Adhesion	• Recyclable Material	
	• Good Weather Resistance	• UV Resistant	
Uses	• Automotive Exterior Parts	• Racks	
	• Gaskets	• Window & Door Components	
Automotive Specifications	• GM GMW16233	• STELLANTIS B62 0300	
	• MERCEDES BENZ DBL 5562	• VOLKSWAGEN 50123	
Appearance	• Black		
Processing Method	• Injection Molding		

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
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Density	0.980 g/cm <sup>3</sup>	ISO 1183
Spiral Flow <sup>2</sup>	25.6 in	
<b>Elastomers</b>	<b>Nominal Value</b>	<b>Unit</b>
Tensile Stress <sup>3</sup> (Yield)	1810	psi
Tensile Elongation <sup>3</sup> (Break)	750	%
Tear Strength <sup>4</sup>	171	lbf/in
Compression Set <sup>5</sup>		ISO 815
73°F, 72 hr	40	%
158°F, 24 hr	55	%
212°F, 24 hr	75	%
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>
Shore Hardness (Shore A)	80	ISO 48-4

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Injection Pressure: 1.02E+3 psi

<sup>3</sup> Type S2, 7.9 in/min

<sup>4</sup> Method Bb, Angle (Nicked)

<sup>5</sup> Method A

