

## THERMOLAST® K TP0LDZ (Series: UV/LD/b)

KRAIBURG TPE - *Thermoplastic Elastomer*

### General Information

#### Product Description

The UV/LD/b series is your material solution for applications requiring optimized mechanics and UVresistance. The compounds are suitable for automotive exterior applications with adhesion to PP. They are available in black.

#### Typical applications

- Roof racks
- Window encapsulations
- Water deflectors
- Cowls gaskets
- Function and design elements
- Automotive Exterior
- Brake lights
- Head lights

#### Material advantages

- Weather resistant, suitable for automotive exterior
- Surface mapping
- Optimized mechanical properties
- Adhesion to PP
- In-process recycling possible
- Optimized compression set

#### Regulations / Approvals

- DIN 75201-B - Fogging
- VDA 270 B3 - Odor
- 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
- Mercedes-Benz DBL 5562
- Daimler DBL 5562
- PSA B62 0300
- Renault 03-10-104
- Ford WSS-M2D517
- FCA MS-DC-242
- GM GMW15702
- GM GMW 16233
- UL 94 HB

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Good Adhesion	• Good Weather Resistance	• Recyclable Material
	• Good Compression Set	• Heat Stabilized	
Uses	• Automotive Exterior Parts	• Gaskets	• Racks
Agency Ratings	• DIN 75201B		
Automotive Specifications	• BMW GS 93042	• GM GMW16233	• STELLANTIS B62 0300
	• GM GMW15702	• MERCEDES BENZ DBL 5562	• VOLKSWAGEN 50123



Appearance	• Black
Processing Method	• Extrusion • Injection Molding

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

Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm <sup>3</sup>	ISO 1183
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>2</sup> (Break)	3050	psi	ISO 37
Tensile Elongation <sup>2</sup> (Break)	700	%	ISO 37
Tear Strength <sup>3</sup>	331	lbf/in	ISO 34-1
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	35		ISO 48-4
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

### Notes

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

<sup>2</sup> Type S2, 7.9 in/min

<sup>3</sup> Method Bb, Angle (Nicked)

