

**THERMOLAST® K TC5ORW-BLCK (Series: RC/UV)**
**KRAIBURG TPE - Thermoplastic Elastomer**
**General Information**
**Product Description**

Post-industrial recycled content 15 %; adhesion to PP

## Typical applications

- Cowls gaskets
- Automotive Exterior
- Applications for new mobility
- Underbody applications
- Window encapsulations

## Material advantages

- Weather resistant, suitable for automotive exterior
- Adhesion to PP
- Low density
- Temperature stability up to 90 °C
- Recycling-specific raw material influences are possible

## Regulations / Approvals

- VW 50123
- BMW GS 93042
- Mercedes-Benz DBL 5562

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Recycled Content	• Post-Industrial (PIR)/Pre-Consumer, 15%		
Features	• Good Adhesion	• Good Weather Resistance	• Recyclable Material
	• Good Thermal Stability	• Low Density	
Uses	• Automotive Exterior Parts	• Gaskets	
Automotive Specifications	• BMW GS 93042	• MERCEDES BENZ DBL 5562	• VOLKSWAGEN 50123
Appearance	• Black		
Processing Method	• Injection Molding		

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

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm <sup>3</sup>	ISO 1183
Spiral Flow <sup>2</sup>	30.7	in	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>3</sup> (Yield)	943	psi	ISO 37
Tensile Elongation <sup>3</sup> (Break)	720	%	ISO 37
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	55		ISO 48-4

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

<sup>2</sup> Mold Temperature: 392°F, Injection Pressure: 1.10E+4 psi

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