

THERMOLAST® K TC6ORW-BLCK (Series: RC/UV)

KRAIBURG TPE - *Thermoplastic Elastomer*

General Information

Product Description

The RC/UV series is your material solution with a post-industrial recycled content of 20-40% (hardness-dependent) for applications requiring UV resistance and adhesion to PP. The compounds are suitable for automotive exterior applications and are available in black.

Typical applications

- Automotive Exterior
- Applications for new mobility
- Underbody applications
- Cowls gaskets
- Water deflectors
- Air guide elements
- Active Grill Shutter (AGS)
- Covers

Material advantages

- Weather resistant, suitable for automotive exterior
- Adhesion to PP
- Low density
- Recycling-specific raw material influences are possible

Regulations / Approvals

- PV 3930 Florida (1 year)
- PV 3930 Florida (2 years)
- PV 3929 Kalahari (1 year)
- PV 3929 Kalahari (2 years)
- VW 50123
- BMW GS 93042
- Mercedes-Benz DBL 5562

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Recycled Content	• Post-Industrial (PIR)/Pre-Consumer, 20%		
Features	• Good Adhesion • Good Weather Resistance	• Low Density • Recyclable Material	
Uses	• Automotive Exterior Parts	• Gaskets	• Protective Coverings
Automotive Specifications	• BMW GS 93042	• MERCEDES BENZ DBL 5562	• VOLKSWAGEN 50123
Appearance	• Black		
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ISO 1183
Spiral Flow ²	28.3	in	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ³ (Yield)	1310	psi	ISO 37
Tensile Elongation ³ (Break)	700	%	ISO 37
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	65		ISO 48-4

