

THERMOLAST® K TC7HFZ-901 (Series: UV/HF/SF)
KRAIBURG TPE - Thermoplastic Elastomer
General Information
Product Description
Typical applications

- Water deflectors
- Static window encapsulations
- Automotive Exterior

Material advantages

- Adhesion to PP
- Optimized flow properties
- Surface mapping

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
- Ford WSS-M2D517

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Good Adhesion	• Good Flow	
Uses	• Automotive Exterior Parts		
Agency Ratings	• DIN 75201B		
Automotive Specifications	• BMW GS 93042	• FMVSS 302	• VOLKSWAGEN 50133
Appearance	• Black		
Processing Method	• Extrusion	• Injection Molding	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Spiral Flow ^{2, 3}	40.4	in	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ⁴ (Break)	827	psi	ISO 37
Tensile Elongation ⁴ (Break)	610	%	ISO 37
Tear Strength ⁵	114	lbf/in	ISO 34-1
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	72		ISO 48-4

