

**THERMOLAST® K TC7HBZ (Series: AD/POM)**
**KRAIBURG TPE - Thermoplastic Elastomer**
**General Information**
**Product Description**

The AD/POM series is your material solution for applications with adhesion to POM. The compounds are available in black and natural colors. Natural color variants can be colored in many different ways.

**Typical applications**

- Bumpers
- Thumb wheels
- Function and design elements
- Handles (hand tools and power tools etc.)
- Components for conveying systems

**Material advantages**

- Adhesion to POM
- Soft touch surface
- Colorable

**Regulations / Approvals**

- DIN 75201-B - Fogging
- VDA 270 B3 - Odor
- 49 CFR §571.302 (FMVSS 302)
- DIN EN ISO 105-B06 Methode 3
- VW 50123
- Mercedes-Benz DBL 5562
- Renault 03-10-104
- GM GMW15702

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Adhesion	• Good Colorability	• Soft
Uses	• Automotive Bumper • Conveyor Parts	• Handles • Knobs	
Agency Ratings	• DIN 75201B		
Automotive Specifications	• GM GMW15702	• MERCEDES BENZ DBL 5562	• VOLKSWAGEN 50123
Appearance	• Black		
Processing Method	• Extrusion • Injection Molding		

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

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density	1.13	g/cm <sup>3</sup>	ISO 1183
<b>Elastomers</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Stress <sup>2</sup> (Break)	870	psi	ISO 37
Tensile Elongation <sup>2</sup> (Break)	600	%	ISO 37
Tear Strength <sup>3</sup>	120	lbf/in	ISO 34-1
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Shore Hardness (Shore A)	71		ISO 48-4
<b>Additional Information</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Adhesion to POM - (D) <sup>4</sup>	34	lbf/in	VDI 2019

