

**THERMOLAST® K TC5HAZ (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>**

Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm <sup>3</sup>	ISO 1183
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>2</sup> (Break)	580	psi	ISO 37
Tensile Elongation <sup>2</sup> (Break)	600	%	ISO 37
Tear Strength <sup>3</sup>	79.9	lbf/in	ISO 34-1
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	52		ISO 48-4
Additional Information	Nominal Value	Unit	Test Method
Adhesion to POM - (A) <sup>4</sup>	20	lbf/in	VDI 2019

