

THERMOLAST® K TC5FEZ (Series: FG/SF)
KRAIBURG TPE - Thermoplastic Elastomer
General Information
Product Description

The FG/SF series is your material solution for automotive interior applications with special surface appearance and adhesion to PP. The material offers low emission and odor values combined with high abrasion resistance. The compounds are available in black and many other automotive interior colors.

Typical applications

- Automotive Interior
- Car mats
- Function and design elements
- Grip applications
- Floor mats

Material advantages

- Adhesion to PP
- Low density
- Abrasion resistance
- Optimized flow properties
- Non-sticky surface
- Colorable
- Controlled level of emission and odor, suitable for automotive interior
- Soft touch surface

Regulations / Approvals

- VW 50123
- BMW GS 93042
- Mercedes-Benz DBL 5562
- Stellantis B62 0300
- Renault 03-10-104

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Ablation Resistant • Good Adhesion	• Good Colorability • Good Flow	• Low Density • Soft
Uses	• Automotive Interior Parts	• Flexible Grips	• Soft Touch Applications
Agency Ratings	• DIN 75201B		
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	0.930	g/cm ³	ISO 1183
Spiral Flow ^{2, 3}	43.3	in	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ⁴ (Break)	1020	psi	ISO 37
Tensile Elongation ⁴ (Break)	750	%	ISO 37
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	52		ISO 48-4
Flammability	Nominal Value	Unit	Test Method
Burning Rate	2.7	in/min	FMVSS

