THERMOLAST® K TC9GPN (Series: GP/FG)

Thermoplastic Elastomer

KRAIBURG TPE

Message:

The GP/FG Series is your material solution for a variety of different applications.It is particularly appropriate for passenger compartments. The compounds are available in natural and black colors. Typical applications Car mats Function and design elements Handles (tools, toolboxes, skipoles) Seals Soft touch surface (thumb wheels, push buttons, switches) Material advantages Adhesion to PP Easy coloring (compounds in natural colors) Excellent mechanical properties Excellent processing behavior Fulfills specifications for automotive interior Pleasant surface feel (Soft touch)

UL 94 HB listed

UL VellowCard E353857-101117931 E214822-586887 Features Good Adhesion Good Colorability Good Colorability Good Processability Seals Uses Automotive Interior Parts Handles Handles Seals Soft Touch Applications Appearance Natural Color Vertures Physical Nominal Value Unit Test Method Density 1.10 g/cm³ ISO 1183 Hardness Nominal Value Unit Test Method Shore Hardness (Shore A) 89 ISO 7619 Elastomers Nominal Value Unit Test Method Tensile Elongation ² (Break) 650 % ISO 37 Tensile Elongation ² (Break) 650 % N/m ISO 37 Tensile Elongation ² (Break) 650 % N/m ISO 34-11 Compression Set ⁴ Vertures ISO 815 ISO 815	General Information			
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	Tensile Elongation ² (Break)	650	%	ISO 37
Compression Set ⁴ ISO 815	Tear Strength ³	37	kN/m	ISO 34-1
	Compression Set ⁴			ISO 815

23°C, 72 hr	45	%	
70°C, 24 hr	64	%	
100°C, 24 hr	84	%	
Flammability	Nominal Value		Test Method
Flame Rating	НВ		UL 94
Extrusion	Nominal Value	Unit	
Drying Temperature	60.0 to 80.0	°C	
Drying Time	2.0 to 4.0	hr	
Cylinder Zone 1 Temp.	160	°C	
Cylinder Zone 2 Temp.	180	°C	
Cylinder Zone 3 Temp.	200	°C	
Die Temperature	200 to 230	°C	
NOTE			
1.	Type S2, 200 mm/min		
2.	Type S2, 200 mm/min		
3.	Method Bb, Angle (Nicked)		
4.	Method A		

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