THERMOLAST® K TC8HAA (Series: AD/POM)

Thermoplastic Elastomer

KRAIBURG TPE

Message:

The AD/POM Series is your material solution for applications with excellent adhesion to POM. The compounds are available in natural and black colors.
Typical applications
Bumpers
Function and design elements
Grommets
Handles (hand tools and power tools etc.)
Seals
Thumb wheels
Material advantages
Easy coloring (compounds in natural colors)
Excellent adhesion
Excellent processing behavior
Insert molding possible
Patented system for TPS and POM
Pleasant surface feel (Soft touch)
Suitable for automotive-interior
UV resistance

General Information			
Features	Good Adhesion Good Colorability Good Processability Good UV Resistance Soft		
Uses	Automotive Interior Parts Grommets Handles Seals		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.15	g/cm³	ISO 1183
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore A)	77		ISO 7619
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress [1] (Yield)	7.50	MPa	ISO 37
Tensile Elongation [2] (Break)	600	%	ISO 37
Tear Strength [3]	28	kN/m	ISO 34-1
Compression Set [4]			ISO 815

23°C, 72 hr	19	%
70°C, 24 hr	75	%
100°C, 24 hr	77	%

Injection	Nominal Value	Unit
Drying Temperature	60.0 to 80.0	°C
Drying Time	2.0 to 4.0	hr
Rear Temperature	180	°C
Middle Temperature	210	°C
Front Temperature	240	°C
Mold Temperature	80.0 to 110	°C
Injection Pressure	20.0 to 100	MPa
Back Pressure	2.00 to 10.0	MPa

NOTE	
1.	Type S2, 200 mm/min
2.	Type S2, 200 mm/min
3.	Method Bb, Angle (Nicked)
4.	Method A

Recommended distributors for this material

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