THERMOLAST® K TC6WEZ (Series: UV/HF)

Thermoplastic Elastomer

KRAIBURG TPE

Message:

The UV/HF Series is your material solution for applications requiring high UV resistance and high flow ability. It is particularly appropriate for automotive exterior components.
Typical applications
Cowls gaskets
Roof rims
Water deflectors
Window encapsulations
Material advantages
Easy flowing
Excellent processing behavior
Perfect adhesion to PP
Tested according PV3930 for outdoor use

General Information			
Features	Good UV resistance		
	Workability, good		
	Good adhesion		
	High liquidity		
Uses	Washer		
	Application in Automobile Field		
	Automotive exterior parts		
Appearance	Black		
Processing Method	Injection molding		

Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm³	ISO 1183
Spiral Flow	100	cm	

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	62		ISO 7619

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress [1] (Break)	7.00	MPa	ISO 37
Tensile Elongation [2] (Break)	600	%	ISO 37
Tear Strength [3]	16	kN/m	ISO 34-1

Injection	Nominal Value	Unit
Drying Temperature	60 - 80	°C
Drying Time	2.0 - 4.0	hr
Rear Temperature	180	°C
Middle Temperature	200	°C
Front Temperature	220	°C

Mold Temperature	25 - 40	°C
Injection Pressure	20.0 - 100	MPa
Back Pressure	2.00 - 10.0	MPa
NOTE		
1.	Type S2, 200 mm/min	
2.	Type S2, 200 mm/min	
3.	Method B, right-angle specimen (cut)	

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