

# THERMOLAST K® FD/HM/ti TF9AAA

Thermoplastic Elastomer  
KRAIBURG TPE Corporation



Prospector

## General

Material Status	• Commercial: Active
Availability	• Asia Pacific • Europe • North America
Features	• Good Flow
Appearance	• Translucent

Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm <sup>3</sup>	ISO 1183

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Break)	18.5	MPa	ISO 37
Tensile Elongation (Break)	700	%	ISO 37
Tear Strength <sup>2</sup>	39	kN/m	ISO 34-1

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	85		ISO 868

Injection	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	2.0	hr
Rear Temperature	160	°C
Middle Temperature	180	°C
Front Temperature	200	°C
Mold Temperature	25.0 to 40.0	°C
Injection Pressure	5.00 to 40.0	MPa
Injection Rate	Fast	
Back Pressure	2.00 to 5.00	MPa

## Injection Notes

Hot Runner Temperature: 200 to 250°C

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Method Bb, Angle (Nicked)