

ALFATER XL® A70I 4FC0002

Thermoplastic Vulcanizate

ALBIS PLASTIC GmbH

Message:

ALFATER XL® A70I 4FC0002 is a Thermoplastic Vulcanizate (TPV) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALFATER XL® A70I 4FC0002 include food contact applications, handles, hose/tubing and sealing applications.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- Good Dimensional Stability
- Good Flexibility
- Good Weather Resistance

General Information			
Features	Alkali Resistant		
	Good Dimensional Stability		
	Good Flexibility		
	Good Heat Aging Resistance		
	Good Weather Resistance		
	Ozone Resistant		
Uses	Handles		
	Non-specific Food Applications		
	Seals		
	Tubing		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	70		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.80	MPa	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Break)	7.70	MPa	ISO 37
Tensile Elongation (Break)	610	%	ISO 37
Tear Strength	34	kN/m	ISO 34-1
Compression Set (100°C, 22 hr)	45	%	ISO 815
Thermal	Nominal Value	Unit	
Service Temperature	-40 to 125	°C	

Injection	Nominal Value	Unit
Drying Temperature - Desiccant Dryer	70.0 to 80.0	°C
Drying Time - Desiccant Dryer	2.0 to 4.0	hr
Processing (Melt) Temp	195 to 215	°C
Mold Temperature	10.0 to 70.0	°C
Injection Rate	Fast	

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