

ALFATER XL® A70I 3EF0001

Thermoplastic Vulcanizate

ALBIS PLASTIC GmbH

Message:

ALFATER XL® A70I 3EF0001 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 3EF0001 include automotive, construction applications, engineering/industrial parts and sealing applications.

Characteristics include:

REACH Compliant

RoHS Compliant

Good Aesthetics

Good Weather Resistance

High Flow

General Information			
Additive	UV Stabilizer		
Features	Alkali Resistant		
	Good Surface Finish		
	Good Weather Resistance		
	High Flow		
	Ozone Resistant		
Uses	Automotive Applications		
	Construction Applications		
	Seals		
	Thin-walled Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.930	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)	3.10	MPa	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	5.20	MPa	ISO 37
Tensile Elongation (Break)	450	%	ISO 37
Tear Strength	22	kN/m	ISO 34-1
Compression Set ¹ (100°C, 22 hr)	52	%	ISO 815
Thermal	Nominal Value	Unit	
Service Temperature	-40 to 125	°C	

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

NOTE

1. 25%

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