

ALFATER XL® A50I 2GP0050

Thermoplastic Vulcanizate

ALBIS PLASTIC GmbH

Message:

ALFATER XL® A50I 2GP0050 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® A50I 2GP0050 include automotive, caps/lids/closures, construction applications, engineering/industrial parts and furniture.

Characteristics include:

REACH Compliant

RoHS Compliant

Good Weather Resistance

General Information			
Features	Alkali Resistant		
	Good Weather Resistance		
	Ozone Resistant		
Uses	Automotive Applications		
	Caps		
	Construction Applications		
	Furniture		
	Handles		
	Knobs		
	Seals		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	50		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1.80	MPa	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	4.60	MPa	ISO 37
Tensile Elongation (Break)	340	%	ISO 37
Tear Strength	18	kN/m	ISO 34-1
Compression Set ¹ (100°C, 22 hr)	32	%	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	Fast	
NOTE		
1.	25%	

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