

ALFATER XL® A85I 2UV0000

Thermoplastic Vulcanizate

ALBIS PLASTIC GmbH

Message:

ALFATER XL® A85I 2UV0000 is a thermoplastic vulcanized rubber (TPV) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALFATER XL®The application areas of A85I 2UV0000 include engineering/industrial accessories, furniture, construction applications, hats/caps/corks and sealing applications.

- Features include:
- Comply with REACH standard
 - ROHS certification
 - good weather resistance
 - UV stability

General Information			
Additive	UV stabilizer		
Features	Ozone resistance		
	alkali resistance		
	Good weather resistance		
Uses	Handle		
	Shield		
	Furniture		
	Architectural application field		
	Seals		
	Application in Automobile Field		
	Knob		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	5.20	MPa	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	11.6	MPa	ISO 37
Tensile Elongation (Break)	550	%	ISO 37
Tear Strength	51	kN/m	ISO 34-1
Compression Set ¹ (100°C, 22 hr)	50	%	ISO 815
Thermal	Nominal Value	Unit	

Service Temperature	-40 - 125	°C
Injection	Nominal Value	Unit
Drying Temperature	70 - 80	°C
Drying Time	2.0 - 4.0	hr
Processing (Melt) Temp	195 - 215	°C
Mold Temperature	10 - 70	°C
Injection Rate	Fast	
NOTE		
1.	25%	

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