

# ALFATER XL® D50I 2UV0050

Thermoplastic Vulcanizate

ALBIS PLASTIC GmbH

Message:

ALFATER XL®D50I 2UV0050 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 D50I 2UV0050 include construction applications, engineering/industrial accessories, furniture, hats/caps/corks and sealing applications.

Features include:

Comply with REACH standard

ROHS certification

good weather resistance

General Information			
Features	Ozone resistance		
	alkali resistance		
	Good weather resistance		
Uses	Handle		
	Shield		
	Furniture		
	Building materials		
	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	0.970	g/cm³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	50		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	13.6	MPa	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.5	MPa	ISO 37
Tensile Elongation (Break)	610	%	ISO 37
Tear Strength	88	kN/m	ISO 34-1
Compression Set <sup>1</sup> (100°C, 22 hr)	81	%	ISO 815
Thermal	Nominal Value	Unit	
Service Temperature	-40 - 125	°C	

Injection	Nominal Value	Unit
Drying Temperature - Circulation Dryer	70 - 80	°C
Drying Time - Circulation Dryer	2.0 - 4.0	hr
Processing (Melt) Temp	195 - 215	°C
Mold Temperature	10 - 70	°C

#### NOTE

1. 25%

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT