

ALFATER XL® A55I 4PA0001

Thermoplastic Vulcanizate

ALBIS PLASTIC GmbH

Message:

ALFATER XL®A55I 4PA0001 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 A55I 4PA0001 include electrical/electronic applications, engineering/industrial accessories, construction applications, sealing applications and the automotive industry.

Features include:

Comply with REACH standard

ROHS certification

Low emissions

General Information			
Features	Low volatilization		
	Good coloring		
	Ozone resistance		
	alkali resistance		
Uses	Handle		
	Plug		
	Electrical/Electronic Applications		
	Machine/mechanical parts		
	Building materials		
	Architectural application field		
	Connector		
	Seals		
	Application in Automobile Field		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	55		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.00	MPa	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	4.30	MPa	ISO 37
Tensile Elongation (Break)	480	%	ISO 37
Compression Set ¹ (100°C, 22 hr)	44	%	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	215 - 240	°C
Mold Temperature	70 - 90	°C

NOTE

1. 25%

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Recommended distributors for this material

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