

# ALFATER XL® A90E 2GP0000

Thermoplastic Vulcanizate

ALBIS PLASTIC GmbH

## Message:

ALFATER XL® A90E 2GP0000 is a thermoplastic vulcanized rubber (TPV) product. It can be processed by blow molding or extrusion and is available in North America, Europe or Asia Pacific. ALFATER XL®The application areas of A90E 2GP0000 include electrical/electronic applications, construction applications, wire and cable, sealing applications and the automotive industry.

Features include:

Comply with REACH standard

ROHS certification

Good dimensional stability

Good flexibility

good weather resistance

General Information	
Features	Good dimensional stability
	Good heat aging resistance
	Good flexibility
	Ozone resistance
	alkali resistance
	Good weather resistance
Uses	Blow molding applications
	Catheter
	Cable sheath
	Electrical/Electronic Applications
	Building materials
	Architectural application field
	Seals
	Application in Automobile Field
Agency Ratings	Profile
	EC 1907/2006 (REACH)
	RoHS compliance
	Blow molding
Processing Method	Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	6.30	MPa	ISO 527-2

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	13.8	MPa	ISO 37
Tensile Elongation (Break)	570	%	ISO 37
Tear Strength	50	kN/m	ISO 34-1
Compression Set <sup>1</sup> (100°C, 22 hr)	54	%	ISO 815
Extrusion	Nominal Value	Unit	
Drying Temperature	70 - 80	°C	
Drying Time	2.0 - 4.0	hr	
Melt Temperature	195 - 215	°C	
NOTE			

1. 25%

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#### Recommended distributors for this material

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