

ALFATER XL® A90E 1GP0000

Thermoplastic Vulcanizate

ALBIS PLASTIC GmbH

Message:

ALFATER XL® A90E 1GP0000 is a Thermoplastic Vulcanizate (TPV) product. It can be processed by blow molding, extrusion, or profile extrusion and is available in Asia Pacific, Europe, or North America. Applications of ALFATER XL® A90E 1GP0000 include electrical/electronic applications, automotive, construction applications, sealing applications and wire & cable.

Characteristics include:

REACH Compliant

RoHS Compliant

Good Weather Resistance

General Information			
Features	Alkali Resistant		
	Good Weather Resistance		
	Ozone Resistant		
Uses	Automotive Applications		
	Blow Molding Applications		
	Cable Jacketing		
	Conduit		
	Construction Applications		
	Electrical/Electronic Applications		
	Profiles		
	Seals		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Blow Molding		
	Extrusion		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	90		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	6.00	MPa	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	13.5	MPa	ISO 37
Tensile Elongation (Break)	530	%	ISO 37
Compression Set ¹ (100°C, 22 hr)	54	%	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
Extrusion	Nominal Value	Unit
Melt Temperature	195 to 215	°C
NOTE		
1.	25%	

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