

# ALFATER XL® A80E 1GP0000

Thermoplastic Vulcanizate

ALBIS PLASTIC GmbH

## Message:

ALFATER XL® A80E 1GP0000 is a Thermoplastic Vulcanizate (TPV) product. It can be processed by extrusion and is available in Asia Pacific, Europe, or North America. Applications of ALFATER XL® A80E 1GP0000 include automotive, construction applications, electrical/electronic 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		
	Cable Jacketing		
	Conduit		
	Construction Applications		
	Profiles		
	Seals		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm <sup>3</sup>	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	80		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	4.30	MPa	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	10.5	MPa	ISO 37
Tensile Elongation (Break)	500	%	ISO 37
Tear Strength	39	kN/m	ISO 34-1
Compression Set <sup>1</sup> (100°C, 22 hr)	44	%	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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