

# ALTECH® ABS A 1000/180

Acrylonitrile Butadiene Styrene

ALBIS PLASTIC GmbH

## Message:

ALTECH® ABS A 1000/180 is an acrylonitrile butadiene styrene (ABS) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALTECH® ABS A 1000/180 applications include the automotive industry, medical/health care, electrical appliances and home applications.

Features include:

Comply with REACH standard

ROHS certification

excellent release agent

General Information			
Features	Good demoulding performance		
Uses	Electrical appliances		
	Personal care		
	Household goods		
	Application in Automobile Field		
	Car dashboard		
	Medical/nursing supplies		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	19.0	cm³/10min	ISO 1133
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	14	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	102	°C	ISO 306/B120
Injection	Nominal Value	Unit	
Drying Temperature			
Dehumidification desiccant	80	°C	
Hot air dryer	80	°C	
Drying Time			
Dehumidification desiccant	3.0 - 6.0	hr	
Hot air dryer	2.0 - 4.0	hr	
Processing (Melt) Temp	220 - 260	°C	
Mold Temperature	50 - 80	°C	

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