

ALTECH® PC + ABS C 1000/508

Polycarbonate + ABS

ALBIS PLASTIC GmbH

Message:

ALTECH® PC + ABS C 1000/508 is a Polycarbonate + ABS (PC+ABS) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant

RoHS Compliant

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	17.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ISO 527-2
Tensile Strain (Break)	12	%	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Flexural Stress	93.0	MPa	ISO 178
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	56.0	MPa	ISO 37
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	50	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	107	°C	ISO 75-2/A
Injection	Nominal Value	Unit	
Drying Temperature			
Circulation Dryer	100 to 110	°C	
Desiccant Dryer	100 to 110	°C	
Drying Time			
Circulation Dryer	4.0 to 8.0	hr	
Desiccant Dryer	2.0 to 4.0	hr	
Suggested Max Moisture	0.050	%	
Processing (Melt) Temp	220 to 280	°C	
Mold Temperature	70.0 to 100	°C	

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Recommended distributors for this material

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