

ALTECH® PC + ABS A 1000/520.01 UV

Polycarbonate + ABS

ALBIS PLASTIC GmbH

Message:

ALTECH® PC + ABS A 1000/520.01 UV is a Polycarbonate + ABS (PC+ABS) product. It is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PC + ABS A 1000/520.01 UV include automotive and housings.

Characteristics include:

REACH Compliant

RoHS Compliant

UV Stabilized

General Information			
Additive	UV Stabilizer		
Uses	Automotive Applications		
	Automotive Interior Parts		
	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	16.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2150	MPa	ISO 527-2
Tensile Stress	55.0	MPa	ISO 527-2
Tensile Strain (Break)	90	%	ISO 527-2
Flexural Modulus	2250	MPa	ISO 178
Flexural Stress	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	50	kJ/m²	
-40°C	25	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	No Break		
-40°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	130	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	100 to 110	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	240 to 280	°C	

Mold Temperature	70.0 to 100	°C
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