

ALTECH® PC A 1000/526 UV

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALTECH® PC A 1000/526 UV is a Polycarbonate (PC) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- Antistatic
- Good Mold Release
- Stabilized

General Information			
Additive	Antistatic		
	Processing Stabilizer		
	UV Stabilizer		
Features	Antistatic		
	Good Mold Release		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	17.0	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	125	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2
Tensile Stress	66.0	MPa	ISO 527-2
Tensile Strain (Break)	100	%	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Flexural Stress	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	10	kJ/m²	
-40°C	10	kJ/m²	
-20°C	10	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	No Break		

-40°C	No Break		
-20°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	125	°C	ISO 75-2/A
Vicat Softening Temperature	140	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index			IEC 60695-2-12
1.00 mm	850	°C	
2.00 mm	850	°C	
3.00 mm	850	°C	
4.00 mm	850	°C	
Fire Performance (1.00 mm)	passed		FMVSS
Injection	Nominal Value	Unit	
Drying Temperature	100 to 120	°C	
Drying Time	2.0 to 3.0	hr	
Processing (Melt) Temp	280 to 320	°C	
Mold Temperature	80.0 to 100	°C	

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