

ALCOM® PC 740/1 PTFE10

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALCOM® PC 740/1 PTFE10 is a Polycarbonate (PC) product. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PC 740/1 PTFE10 include automotive, engineering/industrial parts and housings.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- Lubricated
- Wear Resistant

General Information			
Additive	PTFE Lubricant (10%)		
Features	Good Wear Resistance		
Uses	Automotive Applications		
	Bearings		
	Housings		
	Machine/Mechanical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.26	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2
Tensile Stress (Break)	55.0	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Flexural Stress	85.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	14	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	125	°C	ISO 75-2/A
Vicat Softening Temperature	142	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Circulation Dryer	100 to 120	°C	
Desiccant Dryer	100 to 120	°C	
Drying Time			

Circulation Dryer	4.0 to 12	hr
Desiccant Dryer	2.0 to 3.0	hr
Suggested Max Moisture	0.020	%
Processing (Melt) Temp	280 to 320	°C
Mold Temperature	80.0 to 130	°C

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Recommended distributors for this material

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