

ALCOM® PC 740/2566 PTFE20

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALCOM® PC 740/2566 PTFE20 is a Polycarbonate (PC) product. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PC 740/2566 PTFE20 include automotive and engineering/industrial parts.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- Lubricated
- Wear Resistant

General Information			
Additive	PTFE Lubricant (20%)		
Features	Good Wear Resistance		
Uses	Automotive Applications		
	Machine/Mechanical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.31	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	8.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2100	MPa	ISO 527-2
Tensile Stress	50.0	MPa	ISO 527-2
Tensile Strain (Break)	70	%	ISO 527-2
Flexural Modulus	2150	MPa	ISO 178
Flexural Stress	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	30	kJ/m²	
-40°C	18	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	No Break		
-40°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	133	°C	ISO 75-2/A
Vicat Softening Temperature	145	°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
Processing (Melt) Temp	270 to 310	°C
Mold Temperature	80.0 to 110	°C

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Recommended distributors for this material

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