

# ALCOM® PC 740/1 GF30 PTFE15

Polycarbonate  
ALBIS PLASTIC GmbH

Message:

ALCOM®PC 740/1 GF30 PTFE15 is a polycarbonate (PC) product that contains 30% glass fiber reinforced materials. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALCOM®The application fields of PC 740/1 GF30 PTFE15 include engineering/industrial accessories and automobile industry.

Features include:

Comply with REACH standard

ROHS certification

Wear-resistant

Lubrication

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Additive	PTFE lubricant (15%)		
Features	Good wear resistance		
	Lubrication		
Uses	Machine/mechanical parts		
	Application in Automobile Field		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.53	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	2.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10000	MPa	ISO 527-2
Tensile Stress (Break)	85.0	MPa	ISO 527-2
Tensile Strain (Break)	1.4	%	ISO 527-2
Flexural Modulus	8200	MPa	ISO 178
Flexural Stress	150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	13	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	40	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	146	°C	ISO 75-2/A
Vicat Softening Temperature	150	°C	ISO 306/B50
Injection	Nominal Value	Unit	

Drying Temperature		
Dehumidification desiccant	100 - 120	°C
Hot air dryer	100 - 120	°C
Drying Time - Desiccant Dryer	2.0 - 3.0	hr
Processing (Melt) Temp	310 - 330	°C
Mold Temperature	80 - 130	°C

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#### Recommended distributors for this material

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