

ALCOM® PC 740/1.2 GF30 PTFE13 Si2

Polycarbonate
ALBIS PLASTIC GmbH

Message:

ALCOM® PC 740/1.2 GF30 PTFE13 Si2 is a Polycarbonate (PC) product filled with 30% glass fiber. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PC 740/1.2 GF30 PTFE13 Si2 include engineering/industrial parts, automotive and housings. Characteristics include:
Flame Rated
REACH Compliant
RoHS Compliant
Lubricated
Wear Resistant

General Information			
UL YellowCard	E80168-250666		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	PTFE + Silicone Lubricant (15%)		
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	1.52	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8700	MPa	ISO 527-2
Tensile Stress (Break)	90.0	MPa	ISO 527-2
Tensile Strain (Break)	1.5	%	ISO 527-2
Flexural Modulus	7000	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)	140	°C	ISO 75-2/A
Vicat Softening Temperature	145	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-2		UL 94
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	310 to 330	°C
Mold Temperature	80.0 to 130	°C

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

