ALCOM® PA66 910/1 GB30 MO2

Polyamide 66

ALBIS PLASTIC GmbH

Message:

ALCOM® PA66 910/1 GB30 MO2 is a Polyamide 66 (Nylon 66) product filled with 30% glass bead. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PA66 910/1 GB30 MO2 include engineering/industrial parts and automotive.
Characteristics include:
REACH Compliant
RoHS Compliant
Good Aesthetics
Heat Stabilizer
Lubricated

General Information	
Filler / Reinforcement	Glass Bead,30% Filler by Weight
Additive	Heat Stabilizer Molybdenum Disulfide Lubricant (2%)
Features	Good Wear Resistance Heat Stabilized Low Warpage Pleasing Surface Appearance
Uses	Automotive Applications Bearings Machine/Mechanical Parts
Agency Ratings	EC 1907/2006 (REACH)
RoHS Compliance	RoHS Compliant
Processing Method	Injection Molding

Physical	Dry	Conditioned	Unit	Test Method
Density	1.36	--	g/cm³	ISO 1183
Mechanical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Tensile Modulus	4500	--	MPa	ISO 527-2
Tensile Stress (Break)	80.0	--	MPa	ISO 527-2
Tensile Strain (Break)	2.7	--	%	ISO 527-2
Flexural Modulus	4200	--	MPa	ISO 178
Flexural Stress	130	--	MPa	ISO 178
Impact	**Dry**	**Conditioned**	**Unit**	**Test Method**
Charpy Notched Impact Strength	3.0	--	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	20	--	kJ/m²	ISO 179/1eU

Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	92.0	--	°C	ISO 75-2/A
Vicat Softening Temperature	244	--	°C	ISO 306/B50
Electrical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Surface Resistivity	--	2.0E+13	ohms	IEC 60093
Injection	**Dry**	**Unit**		
Drying Temperature - Desiccant Dryer	80.0		°C	
Drying Time - Desiccant Dryer	2.0 to 12		hr	
Processing (Melt) Temp	280 to 300		°C	
Mold Temperature	80.0 to 120		°C	

Recommended distributors for this material

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