ALCOM® PA66 910/1 MO2

Polyamide 66

ALBIS PLASTIC GmbH

Message:

ALCOM® PA66 910/1 MO2 is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific, Europe, or North America. Typical application: Engineering/Industrial Parts.
Characteristics include:
REACH Compliant
RoHS Compliant
Heat Stabilizer
Lubricated
Wear Resistant

General Information				
Additive	Heat Stabilizer Molybdenum Disulfide Lubricant (2%)			
Features	Good Wear Resistance Heat Stabilized			
Uses	Bearings Machine/Mechanical Parts			
Agency Ratings	EC 1907/2006 (REACH)			
RoHS Compliance	RoHS Compliant			
Physical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Density	1.15	--	g/cm³	ISO 1183
Mechanical	**Dry**	**Conditioned**	**Unit**	**Test Method**
Tensile Modulus	3560	--	MPa	ISO 527-2
Tensile Stress (Break)	81.0	--	MPa	ISO 527-2
Tensile Strain (Break)	9.8	--	%	ISO 527-2
Flexural Modulus	3150	--	MPa	ISO 178
Flexural Stress	118	--	MPa	ISO 178
Impact	**Dry**	**Conditioned**	**Unit**	**Test Method**
Charpy Notched Impact Strength	4.0	--	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	810	--	kJ/m²	ISO 179/1eU
Thermal	**Dry**	**Conditioned**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	86.0	--	°C	ISO 75-2/A
Vicat Softening Temperature	244	--	°C	ISO 306/B50

Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	1.0E+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	270 to 290	°C
Mold Temperature	40.0 to 80.0	°C

Recommended distributors for this material

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