

# ALCOM® PA66 910/1 SLDS

Polyamide 66  
ALBIS PLASTIC GmbH

Message:

ALCOM® PA66 910/1 SLDS is a Polyamide 66 (Nylon 66) product filled with filler. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PA66 910/1 SLDS include engineering/industrial parts and automotive.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- Good Mold Release
- Heat Stabilizer
- High Flow

General Information			
Filler / Reinforcement	Filler		
Additive	Heat Stabilizer		
Features	Good Mold Release		
	Good Wear Resistance		
	Heat Stabilized		
	High Flow		
Uses	Automotive Applications		
	Bearings		
	Machine/Mechanical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3650	MPa	ISO 527-2
Tensile Stress (Yield)	85.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Flexural Stress	120	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Vicat Softening Temperature	244	°C	ISO 306/B50
Injection	Nominal Value	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	60.0 to 80.0	°C

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Recommended distributors for this material

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