

ALCOM® PA66 910/32.1 TCE2

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALCOM® PA66 910/32.1 TCE2 is a Polyamide 66 (Nylon 66) product filled with filler. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PA66 910/32.1 TCE2 include automotive, electrical/electronic applications, engineering/industrial parts, housings and lighting applications. Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Conductive
- Heat Stabilizer

General Information				
Filler / Reinforcement		Filler		
Additive		Heat Stabilizer		
Features		Electrically Conductive		
		Heat Stabilized		
		Thermally Conductive		
Uses		Automotive Applications		
		Electrical/Electronic Applications		
		Housings		
		Lighting Applications		
		Machine/Mechanical Parts		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.23	--	g/cm ³	ISO 1183
Molding Shrinkage (24 hr)	1.4	--	%	ISO 294-4
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	3300	--	MPa	ISO 527-2
Tensile Stress	45.0	--	MPa	ISO 527-2
Tensile Strain (Break)	3.0	--	%	ISO 527-2
Flexural Modulus	3700	--	MPa	ISO 178
Flexural Stress	70.0	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	4.0	--	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	18	--	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	84.0	--	°C	ISO 75-2/A
Vicat Softening Temperature	236	--	°C	ISO 306/B50
Thermal Conductivity				
-- ¹	2.0	--	W/m/K	ASTM E1461, ISO 22007-2
-- ²	5.1	--	W/m/K	ASTM E1461
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	2.0E+3	ohms	IEC 60093
Comparative Tracking Index	50.0	--	V	IEC 60112
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (3.00 mm)	V-2	--		UL 94
Glow Wire Flammability Index (2.00 mm)	850	--	°C	IEC 60695-2-12
Injection	Dry	Unit		
Drying Temperature - Desiccant Dryer	80.0		°C	
Drying Time - Desiccant Dryer	2.0 to 12		hr	
Processing (Melt) Temp	300 to 320		°C	
Mold Temperature	> 100		°C	
NOTE				
1.	Through-plane			
2.	In-plane			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT