

ALTECH® PA66 C 1000/517

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 C 1000/517 is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PA66 C 1000/517 include automotive, engineering/industrial parts and housings.

Characteristics include:

- Flame Rated
- Eco-Friendly/Green
- REACH Compliant
- RoHS Compliant
- Impact Modified

General Information			
Additive	Impact Modifier		
Recycled Content	Yes		
Features	Impact Modified		
Uses	Automotive Applications		
	Bearings		
	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	65.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ISO 527-2
Tensile Stress	50.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Flexural Stress	75.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	6.0	kJ/m²	
-40°C	5.0	kJ/m²	
-20°C	5.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	54	kJ/m²	
-40°C	45	kJ/m²	
-20°C	48	kJ/m²	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	180	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	HB		
3.00 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80.0	°C	
Drying Time - Desiccant Dryer	2.0 to 12	hr	
Suggested Max Moisture	0.15	%	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	40.0 to 80.0	°C	

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