

TECACOMP® PA66 ID blue 4067

Polyamide 66
Ensinger GmbH

Message:
Main features
detectable via metal detector

General Information			
Features	Metal Detectable		
Appearance	Blue		
Forms	Particles		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.43	g/cm ³	
Apparent Density	0.80	g/cm ³	ISO 60
Melt Mass-Flow Rate (MFR) (280°C/2.16 kg)	25	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (280°C/2.16 kg)	21.0	cm ³ /10min	ISO 1133
Water Absorption (Equilibrium, 23°C, 50% RH)	2.0	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3200	MPa	ISO 527-2
Tensile Stress	60.0	MPa	ISO 527-2
Tensile Strain (Break)	11	%	ISO 527-2
Flexural Modulus	2800	MPa	ISO 178
Flexural Stress	90.0	MPa	ISO 178
Flexural Strain	5.5	%	ISO 178
Service Temperature			
long term	110	°C	
short term	170	°C	
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	84	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	
Glass Transition Temperature			
-- 1	5.00	°C	
-- 2	72.0	°C	
Melting Temperature	260	°C	
Flammability	Nominal Value		Test Method
Flammability Classification	HB		IEC 60695-11-10, -20
Injection	Nominal Value	Unit	

Drying Temperature	80	°C
Drying Time	4.0 - 8.0	hr
Suggested Max Moisture	0.10	%
Processing (Melt) Temp	260 - 310	°C
Mold Temperature	90 - 150	°C

NOTE

1. Moist
2. Dry

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

