

Rilsan® Fine Powders T GREY 5161 MAC

Polyamide 11

Arkema

Message:

Rilsan® Fine Powders T GREY 5161 MAC is a Polyamide 11 (Nylon 11) product filled with filler. It can be processed by coating and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: eco-friendly/green.

General Information			
Filler / Reinforcement	Filler		
Features	Renewable Resource Content		
Forms	Powder		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Density	1110	kg/m ³	ISO 1183 ¹
Water Absorption (Saturation)	1.9	%	ISO 62 ²
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature (50°C/h, B (50N))	160	°C	ISO 306 ³
Melting Temperature ⁴	185	°C	ISO 11357-3 ⁵
Electrical	Nominal Value	Unit	Test Method
Surface resistivity	1.0E+14	ohms	IEC 60093 ⁶
Volume resistivity	1.0E+12	ohms · m	IEC 60093 ⁷
Electric strength	30	kV/mm	IEC 60243-1 ⁸
Flammability	Nominal Value	Unit	Test Method
Burning Behav. at 1.6mm nom. thickn. (1.60 mm)	HB		ISO 1210 ⁹
Burning Behav. at thickness h (3.20 mm)	V-2		ISO 1210 ¹⁰
NOTE			
1.	Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.		
2.	Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.		
3.	Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.		
4.	10 °C/min		
5.	Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.		
6.	Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.		

7.	Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.
8.	Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.
9.	Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.
10.	Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.

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

