

Rilsan® Fine Powders D40 NATURAL

Polyamide 11

Arkema

Message:

Rilsan® Fine Powders D40 NATURAL is a Polyamide 11 (Nylon 11) product. 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			
Features	Renewable Resource Content		
Forms	Powder		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Density	1040	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.

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