

RILSAN®

FINE POWDERS

TECHLINE WHITE 7601

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Rilsan® 7601 Techline White Minicoat/ Maxicoat Powder

Rilsan® minicoat/ maxicoat powders are thermoplastic polyamides obtained from renewable resources.

Outstanding characteristics: abrasion resistance, corrosion resistance, impact resistance, sound reduction, flexibility, low coefficient of friction.

PROPERTIES	VALUE	UNIT	TEST STANDARD
POWDER PROPERTIES			
Color	White	-	-
Particle Size Distribution, Median Size	30 - 60	µm	ISO 13320
	0.00118 - 0.00236	in	
Melting Temperature	183 - 188	°C	ISO 1218
	361 - 370	°F	
Non Tapped Density	0.44	-	ISO 1068
Tapped Density	0.57	-	ISO 1068
POWDER COATING PROPERTIES			
Covering Efficiency , 200µm	0.22	kg/m²	-
Specific Gravity of Coating, 20°C	1.11	-	ISO 1183
Persoz Hardness	270	-	ISO 1522
Water Absorption, 24h	≤1	%	ISO 62-1
Abrasion Resistance, Wheel CS 17, load 1 kg, 1000 cycles	8	mg	ISO 9352

MAIN APPLICATIONS:

- coating of small items such as undergarment clips
- stamped metal
- Additional info
- Only 10% fine particles < 20 µm (ISO 13320)
- fasteners
- and boot eyelets
- Smooth texture with a glossy appearance
- Only 6% coarse particles > 80 µm (ISO 13320)
- small automotive parts
- Rilsan® minicoat/ maxicoat powders are designed to coat small parts with metal substrates via the minicoat or maxicoat process. The Techline White grade is designed for further pigmentation to create a wide spectrum of colors
- Good adhesion after over 2000 hours of salt spray testing (ISO 9227)
- 5 year shelf life from date of manufacture

ARKEMA

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PROCESSING

Coating, Fluidized Bed Dipping

DELIVERY FORM

Powder