

RILSAN® NATURAL RDP 15-10 FB

Rilsan® Natural Fluid Bed Powder

Rilsan® fluid bed powders are thermoplastic polyamides obtained from renewable resources.

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

MAIN CHARACTERISTICS

POWDER PROPERTIES	VALUE	UNIT	TEST STANDARD
Melting Temperature	183 - 193	°C	ISO 1218
Specific Gravity of Coating, 20°C	1.11	-	ISO 1183
Abrasion Resistance, Wheel CS 17, load 1 kg, 1000 cycles	16	mg	ASTM D1044
Impact Resistance	160	J	ASTM D2794
Dielectric Stress, 150µm	1100	kV/mm	ASTM D149
Covering Efficiency, 300µm	0.34	kg/m ²	-

MAIN APPLICATIONS:

- coating of wire goods and piping components exposed to high weathering or corrosive environments
- Rilsan® fluid bed powders are designed to coat metal substrates via fluidized powder bed dipping
- Good adhesion after over 2000 hours of salt spray testing (ISO 9227)
- Only 0.1% coarse particles > 250 µm (ASTM D3451)
- For more information visit: www.rilsanfinepowders.com
- coating of machinery exposed to high abrasion such as spline shafts
- Additional info
- Only 15% fine particles < 75 µm (ASTM D3451)
- 5 year shelf life from date of manufacture
- coating of springs for sound reduction
- Smooth texture with a glossy appearance
- Only 1% coarse particles > 212 µm (ASTM D3451)
- Available in 100 lb drums

Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/en/products/product-safety/disclaimer/index.html>

Rilsan® FINE POWDER is a registered trademark of Arkema
© 2020 Arkema Inc. All rights reserved.

rilsanfinepowders.com

Arkema Inc. – Technical Polymers
900 First Avenue
King of Prussia, PA 19406
Tel.: +1 610 205 7000
Fax: +1 610 205 7497
arkema-america.com

RILSAN®
FINE POWDERS
BY **ARKEMA**

Headquarters: Arkema France
420, rue d'Estienne d'Orves
92705 Colombes Cedex – France
Tel.: +33 1 49 00 80 80
Fax: +33 1 49 00 83 96
arkema.com