

# RILSAN® FINE POWDERS BLACK RDP 15-10 FB

## Rilsan® Black 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

| PROPERTIES                                               | VALUE     | UNIT              | TEST STANDARD |
|----------------------------------------------------------|-----------|-------------------|---------------|
| <b>POWDER PROPERTIES</b>                                 |           |                   |               |
| Color                                                    | Black     | -                 | -             |
| Melting Temperature                                      | 183 - 193 | °C                | ISO 1218      |
| <b>POWDER COATING PROPERTIES</b>                         |           |                   |               |
| Covering Efficiency , 300µm                              | 0.34      | kg/m <sup>2</sup> | -             |
| Specific Gravity of Coating, 20°C                        | 1.12      | -                 | ISO 1183      |
| Abrasion Resistance, Wheel CS 17, load 1 kg, 1000 cycles | 16        | mg                | ASTM D1044    |
| Impact Resistance                                        | 160       | J                 | ASTM D2794    |

## 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](http://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 delivery
- 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

## PROCESSING

Fluidized Bed Dipping

## REGIONAL AVAILABILITY

North America

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

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