

RILSAN® FINE POWDERS 5553 BLUE RDP 15-10 FB

Rilsan® 5553 Blue 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
POWDER PROPERTIES			
Color	Blue	-	-
Melting Temperature	183 - 193	°C	ISO 1218
POWDER COATING PROPERTIES			
Covering Efficiency , 300µm	0.35	kg/m ²	-
Specific Gravity of Coating, 20°C	1.12 - 1.18	-	ISO 1183
Abrasion Resistance, Wheel CS 17, load 1 kg, 1000 cycles	≤20	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 > 254 µm (ASTM D3451)
- For more information visit: www.rilsanfinepowders.com
- coating of machinery exposed to high abrasion such as spline shafts
- Additional info
- Only 20% 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

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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