+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

RILSAN®
FINE POWDERS

6116 IVORY RDP 21 FB

Rilsan® 6116 Ivory 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.

PROPERTIES	VALUE	UNIT	TEST STANDARD
POWDER PROPERTIES			
Color	White	-	-
Melting Temperature	183 - 193	°C	ISO 1218
	361 - 379	°F	
POWDER COATING PROPERTIES			
Covering Efficiency , 300µm	0.37	kg/m²	-
Specific Gravity of Coating, 20°C	1.12 - 1.23	-	ISO 1183
Abrasion Resistance, Wheel CS 17, load 1 kg, 1000 cycles	≤25	mg	ASTM D1044
Impact Resistance	160	J	ASTM D2794
	1420	in-lb	

MAIN APPLICATIONS:

- coating of wire goods and piping components exposed to high weathering or corrosive environments
- coating of machinery exposed to high abrasion such as spline shafts
- coating of springs for sound reduction
- Rilsan® fluid bed powders are designed to coat metal substrates via fluidized powder bed dipping
- Additional info
- Smooth texture with a glossy appearance
- Good adhesion after over 2000 hours of salt spray testing (ISO 9227)
- Only 15% fine particles < 75 µm (ASTM D3451)
- Only 1% coarse particles > 212 µm (ASTM D3451)
- Only 0.1% coarse particles > 254 µm (ASTM D3451)
- 5 year shelf life from date of manufacture
- Available in 100 lb drums

ARKEMA