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RILSAN®
FINE POWDERS

BLACK RDP 15-10 ES

Rilsan® Black Electrostatic Spray Powder

Rilsan® electrostatic spray 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	Black	-	-
Melting Temperature	183 - 193	°C	ISO 1218
	361 - 379	°F	
POWDER COATING PROPERTIES			
Covering Efficiency , 120µm	0.14	kg/m²	-
Specific Gravity of Coating, 20°C	1.12	-	ISO 1183
Abrasion Resistance, Wheel CS 17, load 1 kg, 1000 cycles	15	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
- Rilsan® electrostatic spray powders are designed to coat metal substrates via a charged powder spraying gun
- Good adhesion after over 2000 hours of salt spray testing (ISO 9227)
- Only 0.2% coarse particles > 150 µm (ASTM D3451)
- coating of machinery exposed to high abrasion such as spline shafts
- Additional info
- Only 2.5% coarse 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 0.5% coarse particles > 106 µm (ASTM D3451)
- Available in 100 lb drums

ARKEMA