

RILSAN®

FINE POWDERS

6199 PURPLE RDP 15-10 ES

Rilsan® 6199 Purple 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 | Purple | - | - |
| 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 - 1.18 | - | ISO 1183 |
| Abrasion Resistance, Wheel CS 17, load 1 kg, 1000 cycles | 20 | 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 manufacture
- 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