

# RILSAN® FINE POWDERS ES GREY 9132 MAC

## Rilsan® 9132 Grey MAC 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.

## MAIN CHARACTERISTICS

| PROPERTIES                                               | VALUE     | UNIT              | TEST STANDARD |
|----------------------------------------------------------|-----------|-------------------|---------------|
| <b>POWDER PROPERTIES</b>                                 |           |                   |               |
| Color                                                    | Grey      | -                 | -             |
| Particle Size Distribution, Median Size                  | ≥ 30      | μm                | ISO 13320     |
| Melting Temperature                                      | 183 - 188 | °C                | ISO 1218      |
| Non Tapped Density                                       | 0.44      | -                 | ISO 1068      |
| Tapped Density                                           | 0.62      | -                 | ISO 1068      |
| <b>POWDER COATING PROPERTIES</b>                         |           |                   |               |
| Covering Efficiency , 120 μm                             | 0.14      | kg/m <sup>2</sup> | -             |
| Specific Gravity of Coating, 20°C                        | 1.19      | -                 | ISO 1183      |
| Persoz Hardness                                          | 270       | -                 | ISO 1522      |
| Water Absorption, 24h                                    | ≤ 1       | %                 | ISO 62-1      |
| Abrasion Resistance, Wheel CS 17, load 1 kg, 1000 cycles | ≤ 20      | mg                | ISO 9352      |

## 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. MAC grades exhibit improved weathering capabilities for outdoor applications
- Good adhesion after over 2000 hours of salt spray testing (ISO 9227)
- 5 year shelf life from date of manufacture
- coating of machinery exposed to high abrasion such as spline shafts
- Additional info
- Only 20% fine particles < 20 μm (ISO 13320)
- Available in 20 kg bags
- coating of springs for sound reduction
- Smooth texture with a glossy appearance
- Only 1% coarse particles > 100 μm (ISO 13320)
- For more information visit: [www.rilsanfinepowders.com](http://www.rilsanfinepowders.com)

## PROCESSING

Coating, Electrostatic Spray

## DELIVERY FORM

Powder

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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