

# RILSAN® FINE POWDERS ESY BLACK 7260

RILSAN® fine powders are specialty polyamide powders obtained from renewable resources. RILSAN® ESY range is designed for coating metal parts using the electrostatic spraying process. They provide superior protection against wear, impact, corrosion, chemicals as well as graffiti. Please consult Arkema literature for application method and recommendations.

<b>POWDER PROPERTIES</b>		
<b>Nature</b>	PA 11	ISO 1043
<b>Particle Size Distribution</b>	20%	ISO 13320
<b>&lt;20µm</b>	1%	
<b>&gt;100µm</b>	30 µm	
<b>Median size</b>		
<b>Melting point</b>	183-188 °C	ISO 1218
<b>VICAT point</b>	181 °C	ISO 306
<b>Non tapped density</b>	0.43	ISO 1068
<b>Tapped density</b>	0.63	
<b>Covering efficiency</b>	0.20 kg/m <sup>2</sup> at 100 µm	
<b>Recommended Coating thickness</b>	80 - 120 µm	
<b>COATING PROPERTIES</b>		
<b>Specific gravity of the coating (20°C)</b>	1.35	ISO 1183
<b>Persoz hardness</b>	270	ISO 1522
<b>SHORE D Hardness</b>	72	ISO 868
<b>Water absorption @ 24 hrs</b>	< 1 %	ISO 62/1
<b>PERFORMANCES</b>		
<b>Salt spray test according to surface preparation recommended by ARKEMA</b>	Good adhesion after 2000 hours	ISO 9227
<b>Abrasion resistance</b> <i>Wheel CS 17, load 1 kg, 1000 cycles</i>	17 mg	ISO 9352
<b>Hardness pencil</b>	B	ECCA T4
<b>Dielectric stress (thickness: 100 µm)</b>	>10 kV/mm	ASTM D149

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## MAIN APPLICATIONS

- Metal Coating
- Automotive and Transport
- General Purpose

## PACKAGING

This grade is delivered in 20kg bag.

## SHELF LIFE

Two years from the date of delivery. For any use after this limit, please refer to our technical services.

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