

# RILSAN®

## FINE POWDERS

# T BLACK 7239 MAC

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

### Rilsan® Fine Powders T 7239 Black MAC Fluid Bed Powder

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

PROPERTIES	VALUE	UNIT	TEST STANDARD
POWDER PROPERTIES			
Nature	PA 11	-	ISO 1218
Color	Black	-	-
Particle Size Distribution, ≤ 40µm	2	%	ISO 13320
Particle Size Distribution, ≥ 254µm	5	%	ISO 13320
Particle Size Distribution, Median Size	100 - 130	µm	ISO 13320
	0.00394 - 0.00512	in	
Melting Temperature	183 - 188	°C	ISO 1218
	361 - 370	°F	
Vicat Point	181	°C	ISO 306
	358	°F	
Non Tapped Density	0.52	-	ISO 1068
Tapped Density	0.62	-	ISO 1068
Fluidized Density	0.5	-	-
POWDER COATING PROPERTIES			
Recommended Coating Thickness	≥250	µm	-
	≥0.00984	in	
Covering Efficiency , 300µm	0.33	kg/m²	-
Specific Gravity of Coating, 20°C	1.04	-	ISO 1183
Persoz Hardness	250	-	ISO 1522
Shore D Hardness	70	-	ISO 868
Water Absorption, 24h	≤1	%	ISO 62-1
Abrasion Resistance, Wheel CS 17, load 1 kg, 1000 cycles	13	mg	ISO 9352
Impact Resistance	≥2	J	ASTM G14
	≥17.7	in-lb	
Salt spray test according to surface preparation recommended by ARKEMA	Good adhesion after 2000 hours	-	ISO 9227

### MAIN APPLICATIONS

- Metal Coating
- Automotive & Transportation
- Outdoor Furniture

### PACKAGING

**ARKEMA**

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This grade is delivered in 25kg bag.

<b>PROCESSING</b>	
Coating, Fluidized Bed Dipping, Minicoat/Maxicoat	
<b>DELIVERY FORM</b>	
Powder	