

# RILSAN®

## FINE POWDERS

# T SILVER 1047 BC

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

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			
Color	Silver	-	-
Particle Size Distribution, ≤ 40µm	7	%	ISO 13320
Particle Size Distribution, ≥ 254µm	3	%	ISO 13320
Particle Size Distribution, Median Size	120 - 130	µm	ISO 13320
	0.00472 - 0.00512	in	
Melting Temperature	188 - 192	°C	ISO 1218
	370 - 378	°F	
Non Tapped Density	0.49	-	ISO 1068
Tapped Density	0.61	-	ISO 1068
POWDER COATING PROPERTIES			
Recommended Coating Thickness	≥250	µm	-
	≥0.00984	in	
Covering Efficiency , 300µm	0.38	kg/m²	-
Specific Gravity of Coating, 20°C	1.03	-	ISO 1183
Persoz Hardness	217	-	ISO 1522
Shore D Hardness	77	-	ISO 868
Water Absorption, 24h	≤2	%	ISO 62-1
Abrasion Resistance, Wheel CS 17, load 1 kg, 1000 cycles	12	mg	ISO 9352
Salt spray test according to surface preparation recommended by ARKEMA	Good adhesion after 2000 hours	-	ISO 9227

## MAIN APPLICATIONS

- Wire Goods

## PACKAGING

This grade is delivered in 20kg bags.

**ARKEMA**

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