

RILSAN® FINE POWDERS T SILVER 1047 BC

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.

MAIN CHARACTERISTICS

PROPERTIES	VALUE	UNIT	TEST STANDARD
POWDER PROPERTIES			
Color	Silver	-	-
Particle Size Distribution, $\leq 40\mu\text{m}$	7	%	ISO 13320
Particle Size Distribution, $\geq 254\mu\text{m}$	3	%	ISO 13320
Particle Size Distribution, Median Size	120 - 130	μm	ISO 13320
Melting Temperature	188 - 192	$^{\circ}\text{C}$	ISO 1218
Non Tapped Density	0.49	-	ISO 1068
Tapped Density	0.61	-	ISO 1068
POWDER COATING PROPERTIES			
Recommended Coating Thickness	≥ 250	μm	-
Covering Efficiency, 300 μm	0.38	kg/m^2	-
Specific Gravity of Coating, 20 $^{\circ}\text{C}$	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.

SHELF LIFE

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

PROCESSING

Coating, Fluidized Bed Dipping

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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