

RILSAN®

FINE POWDERS

MINICOAT WHITE 1452 MAC

Rilsan® MINICOAT WHITE 1452 MAC resin - Rilsan® POLYAMIDE 11 (PA11) powder

Melt mix white powder for coating of small metallic parts using Arkema's Minicoat process. The range includes several colors. The properties listed in the data base have been measured on a corresponding Rilsan® PA11 granule.

PROPERTIES	VALUE	UNIT	TEST STANDARD
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	185	°C	ISO 11357-1/-3
Vicat Softening Temperature, 50°C/h 50N	160	°C	ISO 306
	320	°F	
Burning Behav. at 1.5 mm Nominal Thickness	V-2	class	IEC 60695-11-10
Thickness Tested	1.6	mm	-
	0.0630	in	
Burning Behav. at Thickness h	V-2	class	IEC 60695-11-10
Thickness Tested	3.2	mm	-
	0.1260	in	
ELECTRICAL PROPERTIES			
Volume Resistivity	1E12	Ohm*m	IEC 60093
Surface Resistivity	1E14	Ohm	IEC 60093
Dielectric (Electric) Strength	30	kV/mm	IEC 60243-1
	762	kV/in	
OTHER PROPERTIES			
Water Absorption	1.9	%	Sim. to ISO 62
Density	1100	kg/m³	ISO 1183
	1.1	g/cm³	
POWDER PROPERTIES			
Color	White	-	-

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PROCESSING Coating, Minicoat/Maxicoat	
DELIVERY FORM Powder	
REGIONAL AVAILABILITY North America, Europe, Asia Pacific, South and Central America, Near East/Africa	