



Product Information
WHITE MAGIC

The Economic Wiper for Critical Cleaning Applications

Description

White Magic is a 100% continuous filament polyester interlock laundered wiper. Patented Milliken technology maximizes the sorbency capacity and this wiper exhibits low particles, low fiber counts, and provides an ultra-clean wiping material for critical applications.

Features

*100% continuous filament polyester, chemically modified for superior cleanliness
 Manufactured in the Anticon Technology Center, the only ISO Class 1 @ 0.1 micron facility in the world for processing cleanroom wipers
 Tested in accordance with the IEST Industry standards for consistent lot to lot cleanliness*

Benefits

*Provides superior economic value
 Improved yields due to low fibers and low particles
 Less wipers used per job due to patented sorbency technology*

Uses

*Recommended for use in Class 10 – 100 Cleanroom Environments
 Applications that require high sorbency
 Excellent for use in electronics applications*

Ordering Detail

Product ID	Description	Package
495353-303	9" x 9" (23 cm x 23 cm)	150 wipers/bag 14 bags/case
495353-304	12" x 12" (31 cm x 31 cm)	150 wipers/bag 14 bags/case

Typical Test Data

Basis Weight			120
Liquid Particles			
Biaxial Shake Test (IEST-RP-CC-004.2 Sec 5.2)	$\geq 0.5 \mu\text{m}$	(million particles / m ²)	8.8
	$\geq 5.0 \mu\text{m}$	(million particles / m ²)	0.14
Airborne Particles			
Helmke Drum Test (IEST-RP-CC-003.2)	$\geq 0.5 \mu\text{m}$	(particles / m ² / ft ³)	1935
Fiber Analysis			
ASTM F311-F312	> 100 μm	(fibers / m ²)	39
NonVolatile Residue			
Short Term Extraction (IEST-RP-CC-004.2 Sec 6.1.2)	DI Water	(grams / m ²)	<0.0076
	IPA	(grams / m ²)	<0.0338
Sorbency			
Rate & Capacity (IEST-RP-CC-004.2 Sec 7.1 & 7.2)	Rate	(seconds)	0.2
	Capacity	(ml / m ²)	475
Specific Ion Content			
Short Term Extraction (IEST-RP-CC-004.2 Sec 6.1.2)	Na	(μg / kg (ppb))	20
	Li	(μg / kg (ppb))	< 1
	NH4	(μg / kg (ppb))	27
	K	(μg / kg (ppb))	53
	Mg	(μg / kg (ppb))	< 1
	Ca	(μg / kg (ppb))	1
	Fl	(μg / kg (ppb))	21
	Cl	(μg / kg (ppb))	8

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