

Abgenics, Inc.

Where Quality is Your Right and Our Responsibility

Tersi UA™

Laser Sealed Ultra Absorbent

PRODUCT DATA SHEET

DESCRIPTION

The Tersi UA is a laser sealed-edge 100% continuous filament polyester double-knit interlock laundered wiper. Patented technology maximizes the sorbency capacity, exhibits low particles, low fiber counts, and provides an ultra-clean wiping material for critical applications.



FEATURES

The Tersi UA is manufactured using proprietary technology and is considered one of the most absorbent wipers on the market. Manufactured "ECO-Friendly" with recycle/reuse in mind. Laser sealed edge ensures ultra-low lint and particle release. Choice of 9" x 9", 6" x 6", 4" x 4" and other sizes.

APPLICATIONS

Designed for use in the Class 1,000 - 100,000 Environments
Applications that require high sorbency
Excellent spill removal wiper

TECHNICAL DATA

PERFORMANCE CHARACTERISTICS

Basis Weight (<i>TEST-RP-CC 004.3</i>)	140 ± 5 gsm
Thickness	0.54 ± 0.02 mm
Absorbency (<i>TEST-RP-CC 004.3</i>)	
Sorbptive capacity	464 ml/m ²
Rate	0.5 sec

CONTAMINATION CHARACTERISTICS

Releasable Particles

LPC (≥ 0.5 um) (<i>TEST-RP-CC 004.2 SEC 5.2</i>)	9.63E+06/m ²
APC Helmke Drum ≥ (<i>TEST-RP-CC 003.2</i>)	1719/m ²
Fiber Analysis (>100 um) (<i>ASTM F311-312</i>)	223/m ²

Nonvolatile Residue, NVR

(<i>TEST-RP-CC 004.2 SEC 6.1.2</i>)	
IPA Extractant (100 ml IPA at ambient temp for 24 hrs)	0.031 g/m ²
DIW Extractant (100 ml DI water at ambient temp for 24 hrs)	0.007 g/m ²

FTIR No Silicon Oil, Amide or DOP Detected

Ion Content

(<i>TEST-RP-CC 004.2 SEC 6.1.2</i>)	
Chloride (Cl)	12 ppb
Nitrates (NO ₃)	16 ppb
Nitrates (NO ₂)	21 ppb
Sodium (Na)	23 ppb
Potassium (K)	86 ppb
Magnesium (Mg)	<1 ppb
Calcium (Ca)	2 ppb
Fluoride (F)	19 ppb

NOTE:

*Data shown are typical values and should not be used as specifications.

ORDERING INFORMATION

P/N	DESCRIPTION	PCS. / BAG	BAGS / CASE
Tersi 140-9	Cleanroom 100% polyester wiper ultra absorbent technology, 140 gsm, Laser-cut, Specialty Launder, Size : 9" x 9"	150	10