



TekniSat Presaturated Cleanroom Wiper

Product Description

Teknisat presaturated polyester knit wipes are made with a hi strength continuous filament polyester yarn in a double knit, no run interlock pattern. Knitting, pre-washing, cutting, sealing, washing and packaging are all done in-house for optimum control & cleanliness. The wipe is clean and highly sorbent making it ideal for wiping critical surfaces. All Teknisat wipes utilize Statistical Process Control in manufacturing and are lot traceable from raw material to finished product. Wipes are presaturated with 0.2micron filtered IPA which is 99.999% pure and blended with 18 Mohm De Ionized water. Class 10 Laundered & Packaged

Composition & Attributes

- * 100% Hi Strength Polyester fiber (continuous filament, double knit)
- * Ultra Low particle and fiber generation
- * Ultra Pure Chemistry; multiple blends available
- * Free of Silicon, Amides, and DOP contamination
- * Resists abrasion when used with rough surfaces
- * Unique packaging to minimize evaporation; refills available

Applications

- * Ideal for wiping critical surfaces and equipment.
- * Works well for particle removal with fast evaporation
- * Minimize VOC's (Volatile Organic Compounds)
- * Eliminate storage, control, & dilution of IPA
- * Improve yields thru enhanced consistency & control of critical cleaning
- * Soft texture for scratch sensitive surfaces & very durable
- * Autoclavable for Aseptic environments
- * Compatible with ISO Class 3-5 (Class 10-100) environments

Purity Specifications

* Particles & Fibers		
Particles	(>0.5micron)	3 x 10(6) particles/m2
	(> 5 micron)	1 x 10(6) particles/m2
Fibers	(>100 micron)	<400
* Nonvolatile Residue		
IPA Extractant		0.04 ppm
DIW Extractant		0.01 ppm
* Ions		
Sodium (Na+)		0.02 ppm
Potassium (K+)		0.01 ppm
Chloride (Cl+)		0.02 ppm
Calcium (Ca+)		0.08 ppm



Physical Properties

- * Basis Weight 140g/m2
- * Material 100% Pure Polyester Fiber
Continuous Filament, Double Knit

Test Method

Orbital Shake Test	IEST-4.3- 6.1.4
Short Term Extraction	IEST-4.3- 7.1.2
Standard Extractable Method	IEST4.3- 7.2.2.1B

Ordering Information

Product

TS2PU1170F-99
 TS2PU1109-99
 TS2PU1109R-99
 TS2PU1170-99
 TS2PU1170R-99
 TS3PB110-99
 TS3PB1110R-99
 TS3PB1170-99
 TS3PB1170R-99
 TS3PB11100-99
 TS3PB11100R-99
 TS3PB1170S-99
 TS3PB1170S-12

Description

Flex Pack, Ultrasonic Sealed Edge, 70% IPA 9"x9"
 Pail, Ultrasonic Sealed Edge, 9% IPA, 9"x9"
 Refill, Ultrasonic Sealed Edge, 9% IPA, 9"x9"
 Pail, Ultrasonic Sealed Edge, 70% IPA, 9"x9"
 Refill, Ultrasonic Sealed Edge, 70% IPA, 9"x9"
 Pail, Border Sealed Edge, 10% IPA, 9"x9"
 Refill, Border Sealed Edge, 10% IPA, 9"x9"
 Pail, Border Sealed Edge, 70% IPA, 9"x9"
 Refill, Border Sealed Edge, 70% IPA, 9"x9"
 Pail, Border Sealed Edge, 100% IPA, 9"x9"
 Refill, Border Sealed Edge, 100% IPA, 9"x9"
 Static Shield Ziplock Bag, Border Sealed, 70%IPA, 9"x9"
 Static Shield Ziplock Bag, Border Sealed, 70%IPA, 12"x12"

Packaging

50/pack, 10packs/cs
 150/pail, 2pails/cs
 150/pack, 4packs/cs
 150/pail, 2pails/cs
 150/pack, 4packs/cs
 100/pail, 2pails/cs
 100/pack, 4packs/cs
 100/pail, 2pails/cs
 100/pack, 4packs/cs
 100/pail, 2pails/cs
 100/pack, 4packs/cs
 50/pack, 10packs/cs
 50/pack, 8packs/cs