

Hi-Purity Alcohol Wipes – Polyester

Product# 6259LEIPA, 6259LE7030

Product Description

Poly-Wipes are constructed from monofilament polyester no-run knit, providing excellent strength, very good absorbency and chemical compatibility. These wipes are a perfect choice for general cleanroom and cleanroom equipment maintenance, semiconductor, aerospace and medical device assembly or critical applications where particulate contamination can be detrimental. 6259LEIPA and 6259LE7030 has the lowest particle counts due to laser sealed edges.

The isopropyl alcohol is 100% semiconductor grade isopropyl alcohol filtered through 0.05 µm media. The water is deionized to $\geq 18 \text{ M}\Omega$ and filtered through 0.2 microns filter.

- Excellent solvent and acid resistance
- Monofilament "no-run" construction does not generate loose fibers
- Excellent durability for cleaning rough, abrasive, or irregular surfaces
- Extremely low ionic, NVR and particulate
- Good absorbency
- Cleanroom double bagged
- Resealable inner slider bag reduces solvent loss
- Eliminates solvent squirt bottles
- Ensures consistent level of wipe saturation
- Processed and packaged in a Class 10 cleanroom.

Typical Applications

Hi-Purity Alcohol Wipes can be used to clean:

- Semiconductor Wafer Fabs
- Aerospace Production Areas
- Medical Device Assembly
- General Cleanroom Cleaning
- Clean critical surfaces; metallic and non-metallic



Availability

6259LEIPA	9" x 9" (22.9cm x 22.9cm) Laser Sealed Edge Polyester wipe, 140g/m ² , 50/Bag 100% Semi-con grade IPA
6259LE7030	9" x 9" (22.9cm x 22.9cm) Laser Sealed Edge Polyester wipe, 140g/m ² , 50/Bag 70% Semi-con grade IPA 30% DI water (18 MΩ)

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Wipe	6259LEIPA	6259LE7030
Size	9" x 9" (22.9cm x 22.9cm)	9" x 9" (22.9cm x 22.9cm)
Liquid	100% Semi-grade IPA	70% Semi-grade IPA / 30% DIW
Basis Weight	140 g/m ² (+/- 5 g/m ²)	140 g/m ² (+/- 5 g/m ²)
Particle Counts (LPC) >= 0.5 microns*	7.0 x 10 ⁶ /m ²	7.0 x 10 ⁶ /m ²
Thickness	0.50 mm (+/- 0.04mm)	0.50 mm (+/- 0.04mm)
NVR in DI water***	<0.14mg/g	<0.14mg/g
NVR in IPA***	< 0.52mg/g	< 0.52mg/g
FTIR : silicone, amide, phthalates	None Detected	None Detected
Chloride Ions**	<0.000174mg/m	<0.000174mg/m
Flouride Ions**	ND	ND
Nitrite Ions**	<0.000019mg/g	<0.000019mg/g
Nitrate Ions**	<0.000025mg/g	<0.000025mg/g
Phosphate Ions**	ND	ND
Sulphate Ions**	<0.000083mg/g	<0.000083mg/g
Magnesium Ions**	<0.000049 mg/g	<0.000049 mg/g
Potassium Ions**	<0.000227 mg/g	<0.000227 mg/g
Sodium Ions**	<0.000312mg/g	<0.000312mg/g
Calcium Ions**	<0.00018mg/g	<0.00018mg/g
Absorbency (dry wipe)	312 ml/m ²	312 ml/m ²
Sorbency Rate (dry)	0.5 sec	0.5 sec

* IEST-RP-CC 004.3 orbital shake method

** IEST-RP-CC 004.3 extraction method

*** IEST-RP-CC 004.3 Analysis for unspecified extractable matter

Technical and Application Assistance

Chemtronics provides a technical hotline to answer your technical and application related questions.

The toll free number is: 1-800-TECH-401.

Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. CHEMTRONICS does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.