

MISUMI(THAILAND) CO.,LTD.

Product: 12" Nitrile White Accelerator Free 6.0g Cleanroom

PRODUCT INFORMATION

1. Product : Non-Sterile, Ambidextrous, Finger Texture Surface, Long Cuff, Powder Free, Chlorinated, Sulphur Free, Low Talc, Low Dermatitis Claim, **Anti -static/ESD**

2. Product Code : **12" DCPFNF WH LD 6.0g**

3. Color : **White**

4. Packaging : 100 pieces of gloves per double polybags
10 polybags per carton.
(Gloves are packaged in a Control Room).

5. Particle Count	Particle Size (Micron)	Specification (Counts/cm ²)	Average Value (Counts/cm ²)
	≥ 0.5	<3000	1,000

(Tested in accordance to IEST-RP-CC-005.3)

6. Protein Level: : Max 50ug/g (For EN Testing Method), Max 50ug/dm² (ASTM Testing Method)

7. Trace Elements	Trace Elements, Symbol	Specification (µg/cm ²)	Average Value (µg/cm ²)
	Total anions	NA	1.4480
	Flouride (F)	0.5	0.0013
	Chloride (CL)	2	0.8250
	Nitrite (NO2)	NA	0.0020
	Bromide (Br)	0.001	0.0010
	Nitrate(NO3)	0.5	0.4680
	Phosphate(PO4)	0.03	0.0020
	Sulphate (SO4)	0.5	0.1482
	Lithium (Li)	NA	ND
	Sodium (Na)	0.5	0.2340
	Ammonium (NH4)	NA	0.0162
	Potassium (K)	0.5	0.2300
	Magnesium (Mg)	NA	0.0045
	Calcium (Ca)	NA	0.2038

8. FTIR : **Silicone : Not Detectable** **Amide : Not Detectable** **DOP : Not Detectable**

9. Non-Volatile Residue (mg/g) : **IPA/Hexane : 1.002 (< 35.0)**

10. RHC (Residue Hydro Carbon): **< 30ug/cm²**

11. Dimensions	Glove Size	Palm Width (mm)	Length, Min (mm)
	XS	75 ± 5	295
	S	85 ± 5	295
	M	95 ± 5	295
	L	106 ± 5	295
	XL	116 ± 5	295

12. Thickness	Measured Point	Single Wall, Min (mm)
	Finger Tip	0.10
	Palm	0.08
	Cuff	0.06

13. Physical Properties		Before Aging	After Aging
	Tensile Strength (Mpa)	min. 14	min. 14
	Ultimate Elongation (%)	min. 500	min. 400
	Force at Break (N)	min. 6.0 N	min. 6.0 N

14. ESD Properties		
	Surface Resistance (ohms)	Maximum 10 ⁹
	Static Decay (sec)	Maximum 0.5
	Triboelectric Charge (volts)	Maximum 50

15. Visual Defects (Major) : Dirt≥1mm², Sticky Pleat≥5mm, Visible Hole (Non-Inflated), Discoloration, Mix Surface, Incomplete Beading, Wrong Orientation, Deformed Gloves

16. Visual Defects (Minor) : Lump<2mm², Dirt<1mm², Sticky Pleat<5mm, Poor Beading

17. Powder Residue : Powder Free

18. Certificate of Analysis : A Certificate of Analysis is available upon request to ensure all products shipped conform to specified specifications.

19. Quality Assurance : Manufactured under ISO 13485, CAN/CSA ISO 13485, ISO 9001, TUV ISO 14001 and US FDA.

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