



Certificate of Conformance

Details

Date : 29th May 2025

Type : Nitrile Glove White (Class 100)

Length : 12"

Batch No : N830425

Testing method

On analysis in accordance with IEST -RP-CC005.4, Test method for Gloves and Fingercots used in Cleanroom and other controlled enviroments.

Cleanliness Results :

Size	Part No	Lot No	No. of Trial	Liquid Particle Count, counts/cm ²	Fluoride µg/cm ²	Chloride µg/cm ²	Nitrite µg/cm ²	Nitrate µg/cm ²	Bromide µg/cm ²	Phosphate µg/cm ²	Sulphate µg/cm ²	NVR (DI) µg/cm ²	FTIR result
				0.5-20µm									Silicone oil, Amide & Phthalate Not Detected
				< 800									
S	TN 2001W	N83 / BTPS 8100326	1	715	< MDL	0.126	< MDL	0.066	< MDL	< MDL	0.015	1.44	Not Detected
			2	720	< MDL	0.139	< MDL	0.125	< MDL	< MDL	0.011	1.17	
			3	689	< MDL	0.140	< MDL	0.081	< MDL	< MDL	0.018	1.69	
			Avg	708	< MDL	0.135	< MDL	0.091	< MDL	< MDL	0.015	1.43	
L	TN 2003W	N83 / BTPL 8100353	1	499	< MDL	0.084	< MDL	0.077	< MDL	< MDL	0.022	1.64	Not Detected
			2	625	< MDL	0.053	< MDL	0.096	< MDL	< MDL	0.027	1.71	
			3	551	< MDL	0.090	< MDL	0.061	< MDL	< MDL	0.019	1.50	
			Avg	558	< MDL	0.076	< MDL	0.078	< MDL	< MDL	0.023	1.62	
		N83 / BTPL 8100354	1	678	< MDL	0.128	< MDL	0.143	< MDL	< MDL	0.013	0.84	Not Detected
			2	626	< MDL	0.106	< MDL	0.166	< MDL	< MDL	0.009	0.63	
			3	729	< MDL	0.117	< MDL	0.138	< MDL	< MDL	0.011	0.90	
			Avg	678	< MDL	0.117	< MDL	0.149	< MDL	< MDL	0.011	0.79	
		N83 / BTPL 8100355	1	499	< MDL	0.093	< MDL	0.126	< MDL	< MDL	0.025	0.89	Not Detected
			2	552	< MDL	0.115	< MDL	0.104	< MDL	< MDL	0.031	1.22	
			3	501	< MDL	0.070	< MDL	0.148	< MDL	< MDL	0.028	0.71	
			Avg	517	< MDL	0.093	< MDL	0.126	< MDL	< MDL	0.028	0.94	

Results :

Cleanliness Test										ESD Test			
Size	Part No	Lot No	No. of trial	Lithium	Sodium	Ammonium	Potassium	Calcium	Magnesium	Decay Time (s)		Tribo Charge	SRM
				µg/cm ²	µg/cm ²	µg/cm ²	µg/cm ²	µg/cm ²	µg/cm ²	+ve 1 KV	-ve 1 KV		Ohms / sq
										<= 0.5 s		<= 20 Volt	<=10 ¹⁰
S	TN 2001W	N83 / BTPS 8100326	1	< MDL	0.022	0.005	0.007	0.108	< MDL	0.1	0.1	5	3.31E+10
			2	< MDL	0.024	0.003	0.003	0.133	< MDL	0.1	0.1	3	2.77E+10
			3	< MDL	0.026	0.004	0.005	0.115	< MDL	0.1	0.1	7	3.58E+10
			Avg	< MDL	0.024	0.004	0.005	0.119	< MDL	0.1	0.1	5	3.22E+10
L	TN 2003W	N83 / BTPL 8100353	1	< MDL	0.030	0.003	0.003	0.142	< MDL	0.1	0.1	8	4.76E+10
			2	< MDL	0.024	0.004	0.003	0.148	< MDL	0.1	0.1	5	4.25E+10
			3	< MDL	0.027	0.003	0.004	0.135	< MDL	0.1	0.1	6	4.51E+10
			Avg	< MDL	0.027	0.003	0.003	0.142	< MDL	0.1	0.1	6	4.51E+10
		N83 / BTPL 8100354	1	< MDL	0.015	0.005	0.008	0.108	< MDL	0.1	0.1	9	3.31E+10
			2	< MDL	0.018	0.005	0.006	0.101	< MDL	0.1	0.1	6	2.63E+10
			3	< MDL	0.021	0.004	0.007	0.116	< MDL	0.1	0.1	8	2.88E+10
			Avg	< MDL	0.018	0.005	0.007	0.108	< MDL	0.1	0.1	8	2.94E+10
		N83 / BTPL 8100355	1	< MDL	0.026	0.003	0.006	0.131	< MDL	0.1	0.1	7	4.18E+10
			2	< MDL	0.022	0.004	0.008	0.125	< MDL	0.1	0.1	6	4.59E+10
			3	< MDL	0.019	0.004	0.005	0.146	< MDL	0.1	0.1	7	3.76E+10
			Avg	< MDL	0.022	0.004	0.006	0.134	< MDL	0.1	0.1	7	4.18E+10

Remarks : < MDL - Less Than Method Detection Limit

Conclusion

The Nitrile Glove under Batch No : N830425 passed the above specification.

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