



Certificate of Conformance

Details

Date : 29th April 2025

Type : Nitrile Glove (Class 100) - Good ESD

Length : 12"

Batch No : N820424

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									
XS	TN 2000W-E	N82 / BTPXS 8100057	1	631	< MDL	0.255	< MDL	0.208	< MDL	< MDL	0.036	2.38	Not Detected
			2	499	< MDL	0.260	< MDL	0.216	< MDL	< MDL	0.043	2.30	
			3	563	< MDL	0.243	< MDL	0.221	< MDL	< MDL	0.038	2.41	
			Avg	564	< MDL	0.253	< MDL	0.215	< MDL	< MDL	0.039	2.36	
S	TN 2001W-E	N82 / BTPS 8100323	1	626	< MDL	0.210	< MDL	0.205	< MDL	< MDL	0.045	2.50	Not Detected
			2	677	< MDL	0.233	< MDL	0.203	< MDL	< MDL	0.040	2.33	
			3	574	< MDL	0.215	< MDL	0.211	< MDL	< MDL	0.037	2.41	
			Avg	626	< MDL	0.219	< MDL	0.206	< MDL	< MDL	0.041	2.41	
M	TN 2002W-E	N82 / BTPM 8100424	1	713	< MDL	0.218	< MDL	0.244	< MDL	< MDL	0.045	1.99	Not Detected
			2	720	< MDL	0.233	< MDL	0.250	< MDL	< MDL	0.041	2.31	
			3	668	< MDL	0.225	< MDL	0.227	< MDL	< MDL	0.044	2.15	
			Avg	700	< MDL	0.225	< MDL	0.240	< MDL	< MDL	0.043	2.15	
L	TN 2003W-E	N82 / BTPL 8100351	1	533	< MDL	0.221	< MDL	0.247	< MDL	< MDL	0.036	2.08	Not Detected
			2	498	< MDL	0.239	< MDL	0.221	< MDL	< MDL	0.044	1.99	
			3	517	< MDL	0.241	< MDL	0.234	< MDL	< MDL	0.040	1.91	
			Avg	516	< MDL	0.234	< MDL	0.234	< MDL	< MDL	0.040	1.99	
XL	TN 2004W-E	N82 / BTPXL 8100227	1	731	< MDL	0.260	< MDL	0.231	< MDL	< MDL	0.035	1.96	Not Detected
			2	675	< MDL	0.239	< MDL	0.208	< MDL	< MDL	0.039	2.25	
			3	657	< MDL	0.244	< MDL	0.225	< MDL	< MDL	0.037	2.03	
			Avg	688	< MDL	0.248	< MDL	0.221	< MDL	< MDL	0.037	2.08	

Results :

Cleanliness Test										Decay Time (s)		Voltage Generation Test		SRM
Size	Part No	Lot No	No. of trial	Lithium $\mu\text{g}/\text{cm}^2$	Sodium $\mu\text{g}/\text{cm}^2$	Ammonium $\mu\text{g}/\text{cm}^2$	Potassium $\mu\text{g}/\text{cm}^2$	Calcium $\mu\text{g}/\text{cm}^2$	Magnesium $\mu\text{g}/\text{cm}^2$	+ve 1 KV	-ve 1 KV	Whole Hand	Two Finger	Ohms / sq
										<= 0.5 s		Volt		<=10 ¹⁰
XS	TN 2000W-E	N82 / BTPXS 8100057	1	< MDL	0.018	0.003	0.006	0.122	< MDL	0.1	0.1	1.3	1.2	5.51E+08
			2	< MDL	0.016	0.005	0.005	0.150	< MDL	0.1	0.1	1.6	1.5	5.99E+08
			3	< MDL	0.022	0.004	0.006	0.136	< MDL	0.1	0.1	1.5	1.4	5.72E+08
			Avg	< MDL	0.019	0.004	0.006	0.136	< MDL	0.1	0.1	1.5	1.4	5.74E+08
S	TN 2001W-E	N82 / BTPS 8100323	1	< MDL	0.030	0.003	0.008	0.108	< MDL	0.1	0.1	1.5	1.3	7.22E+08
			2	< MDL	0.024	0.003	0.006	0.101	< MDL	0.1	0.1	1.6	1.5	6.65E+08
			3	< MDL	0.027	0.004	0.007	0.116	< MDL	0.1	0.1	1.3	1.2	7.07E+08
			Avg	< MDL	0.027	0.003	0.007	0.108	< MDL	0.1	0.1	1.5	1.3	6.98E+08
M	TN 2002W-E	N82 / BTPM 8100424	1	< MDL	0.022	0.005	0.003	0.115	< MDL	0.1	0.1	1.1	1.1	4.31E+08
			2	< MDL	0.026	0.005	0.005	0.101	< MDL	0.1	0.1	1.2	1.3	4.93E+08
			3	< MDL	0.019	0.004	0.004	0.129	< MDL	0.1	0.1	1.1	1.2	4.85E+08
			Avg	< MDL	0.022	0.005	0.004	0.115	< MDL	0.1	0.1	1.1	1.2	4.70E+08
L	TN 2003W-E	N82 / BTPL 8100351	1	< MDL	0.025	0.004	0.005	0.144	< MDL	0.1	0.1	1.3	1.2	7.05E+08
			2	< MDL	0.021	0.003	0.003	0.148	< MDL	0.1	0.1	1.5	1.3	6.14E+08
			3	< MDL	0.029	0.003	0.006	0.132	< MDL	0.1	0.1	1.4	1.2	4.99E+08
			Avg	< MDL	0.025	0.003	0.005	0.141	< MDL	0.1	0.1	1.4	1.2	6.06E+08
XL	TN 2004W-E	N82 / BTPXL 8100227	1	< MDL	0.021	0.004	0.006	0.124	< MDL	0.1	0.1	1.1	1.1	5.51E+08
			2	< MDL	0.018	0.003	0.005	0.150	< MDL	0.1	0.1	1.4	1.3	4.33E+08
			3	< MDL	0.023	0.005	0.008	0.131	< MDL	0.1	0.1	1.3	1.2	6.59E+08
			Avg	< MDL	0.021	0.004	0.006	0.135	< MDL	0.1	0.1	1.3	1.2	5.48E+08

Remarks : < MDL - Less Than Method Detection Limit

Conclusion

The Nitrile Glove under Batch No : N820424 passed the above specification.

Prepared by :



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