



Certificate of Conformance

Details

Date : 29th April 2024

Type : Nitrile Glove White (Powder Free)

Length : 12"

Batch No : N810423

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
				< 2500									
XS	TN1000W	N81 / HTPXS 8100035	1	1616	< MDL	0.331	< MDL	0.318	< MDL	< MDL	0.044	2.77	Not Detected
			2	1377	< MDL	0.624	< MDL	0.259	< MDL	< MDL	0.069	2.23	
			3	1594	< MDL	0.508	< MDL	0.364	< MDL	< MDL	0.027	2.51	
			Avg	1529	< MDL	0.488	< MDL	0.314	< MDL	< MDL	0.047	2.50	
M	TN1002W	N81 / HTPM 8100217	1	1924	< MDL	0.631	< MDL	0.424	< MDL	< MDL	0.075	3.50	Not Detected
			2	1988	< MDL	0.677	< MDL	0.477	< MDL	< MDL	0.063	3.31	
			3	1757	< MDL	0.658	< MDL	0.459	< MDL	< MDL	0.068	2.89	
			Avg	1890	< MDL	0.655	< MDL	0.453	< MDL	< MDL	0.069	3.23	
L	TN1003W	N81 / HTPL 8100155	1	1627	< MDL	0.197	< MDL	0.190	< MDL	< MDL	0.029	1.99	Not Detected
			2	1504	< MDL	0.184	< MDL	0.171	< MDL	< MDL	0.026	1.63	
			3	1684	< MDL	0.233	< MDL	0.221	< MDL	< MDL	0.034	2.27	
			Avg	1605	< MDL	0.205	< MDL	0.194	< MDL	< MDL	0.030	1.96	
XL	TN1004W	N81 / HTPXL 8100093	1	1399	< MDL	0.181	< MDL	0.275	< MDL	< MDL	0.055	2.08	Not Detected
			2	1454	< MDL	0.187	< MDL	0.313	< MDL	< MDL	0.058	1.84	
			3	1531	< MDL	0.193	< MDL	0.184	< MDL	< MDL	0.041	2.31	
			Avg	1461	< MDL	0.187	< MDL	0.257	< MDL	< MDL	0.051	2.08	

Results :

Size	Part No	Lot No	No. of trial	Lithium $\mu\text{g}/\text{cm}^2$	Sodium $\mu\text{g}/\text{cm}^2$ < 1.00	Ammonium $\mu\text{g}/\text{cm}^2$	Potassium $\mu\text{g}/\text{cm}^2$	Calcium $\mu\text{g}/\text{cm}^2$	Magnesium $\mu\text{g}/\text{cm}^2$	Decay Time (s)		Tribo Charge	SRM Ohms / sq
										+ve 1 KV	-ve 1 KV		
										<= 0.5 s		<= 20 Volt	<=10 ¹⁰
XS	TN1000W	N81 / HTPXS 8100035	1	< MDL	0.040	0.008	0.033	0.244	< MDL	0.1	0.1	7	4.41E+10
			2	< MDL	0.032	0.004	0.039	0.184	< MDL	0.1	0.1	7	3.59E+10
			3	< MDL	0.037	0.006	0.036	0.163	< MDL	0.1	0.1	6	3.18E+10
			Avg	< MDL	0.036	0.006	0.036	0.197	< MDL	0.1	0.1	7	3.73E+10
M	TN1002W	N81 / HTPM 8100217	1	< MDL	0.019	0.005	0.021	0.128	< MDL	0.1	0.1	9	2.88E+10
			2	< MDL	0.016	0.004	0.029	0.133	< MDL	0.1	0.1	6	2.23E+10
			3	< MDL	0.022	0.005	0.023	0.124	< MDL	0.1	0.1	8	2.51E+10
			Avg	< MDL	0.019	0.005	0.024	0.128	< MDL	0.1	0.1	8	2.54E+10
L	TN1003W	N81 / HTPL 8100155	1	< MDL	0.018	0.008	0.040	0.172	< MDL	0.1	0.1	4	4.81E+10
			2	< MDL	0.016	0.006	0.032	0.156	< MDL	0.1	0.1	3	4.67E+10
			3	< MDL	0.017	0.007	0.037	0.166	< MDL	0.1	0.1	6	4.09E+10
			Avg	< MDL	0.017	0.007	0.036	0.165	< MDL	0.1	0.1	4	4.52E+10
XL	TN1004W	N81 / HTPXL 8100093	1	< MDL	0.021	0.006	0.029	0.227	< MDL	0.1	0.1	5	3.55E+10
			2	< MDL	0.027	0.006	0.031	0.203	< MDL	0.1	0.1	3	3.72E+10
			3	< MDL	0.019	0.005	0.025	0.249	< MDL	0.1	0.1	8	2.41E+10
			Avg	< MDL	0.022	0.006	0.028	0.226	< MDL	0.1	0.1	5	3.23E+10

Remarks : < MDL - Less Than Method Detection Limit

Conclusion

The Nitrile Glove White (Powder Free) under Batch No : N810423 passed the above specification.

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