

Certificate of Conformance

Details

Date : 22nd November 2022

Type : Nitrile Glove White (Powder Free)

Length : 12"

Batch No : N800422

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									< 0.05
S	TN1001W	N80 / HTPS 8100171	1	1831	< MDL	0.649	< MDL	0.327	< MDL	< MDL	0.026	3.37	Not Detected
			2	1966	< MDL	0.672	< MDL	0.466	< MDL	< MDL	0.029	3.50	
			3	1619	< MDL	0.581	< MDL	0.429	< MDL	< MDL	0.027	3.19	
			Avg	1805	< MDL	0.634	< MDL	0.407	< MDL	< MDL	0.027	3.35	
M	TN1002W	N80 / HTPM 8100186	1	1527	< MDL	0.181	< MDL	0.179	< MDL	< MDL	0.066	1.67	Not Detected
			2	1701	< MDL	0.197	< MDL	0.227	< MDL	< MDL	0.041	1.63	
			3	1633	< MDL	0.185	< MDL	0.204	< MDL	< MDL	0.050	1.74	
			Avg	1620	< MDL	0.188	< MDL	0.203	< MDL	< MDL	0.052	1.68	
L	TN1003W	N80 / HTPL 8100134	1	1377	< MDL	0.421	< MDL	0.384	< MDL	< MDL	0.075	2.67	Not Detected
			2	1766	< MDL	0.588	< MDL	0.192	< MDL	< MDL	0.066	3.19	
			3	1614	< MDL	0.209	< MDL	0.416	< MDL	< MDL	0.071	2.44	
			Avg	1586	< MDL	0.406	< MDL	0.331	< MDL	< MDL	0.071	2.77	
XL	TN1004W	N80 / HTPXL 8100080	1	1385	< MDL	0.322	< MDL	0.175	< MDL	< MDL	0.026	1.88	Not Detected
			2	1554	< MDL	0.231	< MDL	0.196	< MDL	< MDL	0.050	1.63	
			3	1409	< MDL	0.288	< MDL	0.184	< MDL	< MDL	0.031	2.19	
			Avg	1449	< MDL	0.280	< MDL	0.185	< MDL	< MDL	0.036	1.90	

Results :

Size	Part No	Lot No	No. of trial	Lithium µg/cm ²	Sodium µg/cm ² < 1.00	Ammonium µg/cm ²	Potassium µg/cm ²	Calcium µg/cm ²	Magnesium µg/cm ²	Decay Time (s)		Tribo Charge	SRM Ohms / sq <=10 ¹⁰
										+ve 1 KV	-ve 1 KV		
										<= 0.5 s		<= 20 Volt	
S	TN1001W	N80 / HTPS 8100171	1	< MDL	0.040	0.008	0.037	0.227	< MDL	0.1	0.1	4	2.76E+10
			2	< MDL	0.035	0.006	0.031	0.250	< MDL	0.1	0.1	6	2.14E+10
			3	< MDL	0.037	0.007	0.040	0.179	< MDL	0.1	0.1	3	2.53E+10
			Avg	< MDL	0.037	0.007	0.036	0.219	< MDL	0.1	0.1	4	2.48E+10
M	TN1002W	N80 / HTPM 8100186	1	< MDL	0.029	0.004	0.027	0.123	< MDL	0.1	0.1	7	3.31E+10
			2	< MDL	0.021	0.005	0.034	0.155	< MDL	0.1	0.1	5	3.29E+10
			3	< MDL	0.025	0.004	0.031	0.129	< MDL	0.1	0.1	6	3.55E+10
			Avg	< MDL	0.025	0.004	0.031	0.136	< MDL	0.1	0.1	6	3.38E+10
L	TN1003W	N80 / HTPL 8100134	1	< MDL	0.019	0.008	0.029	0.255	< MDL	0.1	0.1	9	4.72E+10
			2	< MDL	0.016	0.006	0.034	0.260	< MDL	0.1	0.1	8	4.36E+10
			3	< MDL	0.022	0.005	0.021	0.231	< MDL	0.1	0.1	9	4.51E+10
			Avg	< MDL	0.019	0.006	0.028	0.249	< MDL	0.1	0.1	9	4.53E+10
XL	TN1004W	N80 / HTPXL 8100080	1	< MDL	0.018	0.004	0.021	0.175	< MDL	0.1	0.1	4	4.47E+10
			2	< MDL	0.023	0.006	0.029	0.123	< MDL	0.1	0.1	3	4.93E+10
			3	< MDL	0.021	0.005	0.025	0.155	< MDL	0.1	0.1	3	4.78E+10
			Avg	< MDL	0.021	0.005	0.025	0.151	< MDL	0.1	0.1	3	4.73E+10

Remarks : < MDL - Less Than Method Detection Limit

Conclusion

The Nitrile Glove White (Powder Free) under Batch No : N800422 passed the above specification.

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