

Certificate of Conformance

Details

Date : 25th March 2024

Type : Nitrile Glove Blue (Class 100)

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 environments.

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
				< 900									< 0.01
XS	TN2000B	N81 / BBTPXS 100023	1	606	< MDL	0.088	< MDL	0.088	< MDL	< MDL	0.021	0.84	Not Detected
			2	677	< MDL	0.053	< MDL	0.125	< MDL	< MDL	0.018	0.63	
			3	643	< MDL	0.091	< MDL	0.104	< MDL	< MDL	0.026	0.90	
			Avg	642	< MDL	0.077	< MDL	0.106	< MDL	< MDL	0.022	0.79	
S	TN2001B	N81 / BBTPS 100121	1	731	< MDL	0.117	< MDL	0.062	< MDL	< MDL	0.021	1.33	Not Detected
			2	655	< MDL	0.134	< MDL	0.088	< MDL	< MDL	0.029	1.01	
			3	684	< MDL	0.109	< MDL	0.093	< MDL	< MDL	0.025	1.59	
			Avg	690	< MDL	0.120	< MDL	0.081	< MDL	< MDL	0.025	1.31	
M	TN2002B	N81 / BBTPM 100185	1	534	< MDL	0.053	< MDL	0.164	< MDL	< MDL	0.021	1.72	Not Detected
			2	616	< MDL	0.069	< MDL	0.127	< MDL	< MDL	0.015	1.53	
			3	499	< MDL	0.051	< MDL	0.150	< MDL	< MDL	0.018	1.66	
			Avg	550	< MDL	0.058	< MDL	0.147	< MDL	< MDL	0.018	1.64	
XXL	TN2005B	N81 / BBTPXXL 100021	1	721	< MDL	0.138	< MDL	0.072	< MDL	< MDL	0.013	0.92	Not Detected
			2	778	< MDL	0.140	< MDL	0.099	< MDL	< MDL	0.011	0.81	
			3	665	< MDL	0.131	< MDL	0.113	< MDL	< MDL	0.017	1.13	
			Avg	721	< MDL	0.136	< MDL	0.095	< MDL	< MDL	0.014	0.95	

Result :

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
				< MDL	0.027	0.004	0.008	0.120	< MDL	0.1	0.1	<= 0.5 s	<= 20 Volt
XS	TN2000B	N81 / BBTPXS 100023	1	< MDL	0.030	0.005	0.007	0.108	< MDL	0.1	0.1	7	3.37E+10
			2	< MDL	0.024	0.003	0.008	0.137	< MDL	0.1	0.1	6	2.54E+10
			3	< MDL	0.028	0.004	0.008	0.115	< MDL	0.1	0.1	7	2.79E+10
			Avg	< MDL	0.027	0.004	0.008	0.120	< MDL	0.1	0.1	7	2.90E+10
S	TN2001B	N81 / BBTPS 100121	1	< MDL	0.030	0.005	0.003	0.108	< MDL	0.1	0.1	4	4.72E+10
			2	< MDL	0.024	0.003	0.007	0.129	< MDL	0.1	0.1	6	3.68E+10
			3	< MDL	0.021	0.004	0.005	0.115	< MDL	0.1	0.1	5	4.29E+10
			Avg	< MDL	0.025	0.004	0.005	0.117	< MDL	0.1	0.1	5	4.23E+10
M	TN2002B	N81 / BBTPM 100185	1	< MDL	0.018	0.003	0.003	0.147	< MDL	0.1	0.1	3	3.75E+10
			2	< MDL	0.015	0.003	0.006	0.136	< MDL	0.1	0.1	4	4.56E+10
			3	< MDL	0.017	0.004	0.004	0.144	< MDL	0.1	0.1	3	3.02E+10
			Avg	< MDL	0.017	0.003	0.004	0.142	< MDL	0.1	0.1	3	3.78E+10
XXL	TN2005B	N81 / BBTPXXL 100021	1	< MDL	0.023	0.003	0.006	0.132	< MDL	0.1	0.1	7	2.81E+10
			2	< MDL	0.020	0.005	0.003	0.137	< MDL	0.1	0.1	6	3.35E+10
			3	< MDL	0.017	0.004	0.005	0.125	< MDL	0.1	0.1	8	3.19E+10
			Avg	< MDL	0.020	0.004	0.005	0.131	< MDL	0.1	0.1	7	3.12E+10

Remarks : < MDL - Less Than Method Detection Limit

Conclusion

The Nitrile Blue Glove under Batch No : N810423 passed the above specification.

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