

Certificate of Conformance

Details

Date : 9th January 2024

Type : Nitrile Glove Green (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	< 0.30	< 0.01	< 0.30	< 0.05	< 0.01	< 0.05	< 3.00		
S	TN2001G	N81 / EGTPS 9100007	1	732	< MDL	0.052	< MDL	0.086	< MDL	< MDL	0.031	1.34	Not Detected	
			2	654	< MDL	0.066	< MDL	0.119	< MDL	< MDL	0.024	1.69		
			3	681	< MDL	0.057	< MDL	0.092	< MDL	< MDL	0.026	1.57		
			Avg	689	< MDL	0.058	< MDL	0.099	< MDL	< MDL	0.027	1.53		
M	TN2002G	N81 / EGTPM 9100010	1	754	< MDL	0.135	< MDL	0.063	< MDL	< MDL	0.009	0.84	Not Detected	
			2	699	< MDL	0.140	< MDL	0.079	< MDL	< MDL	0.012	0.63		
			3	816	< MDL	0.131	< MDL	0.061	< MDL	< MDL	0.010	0.99		
			Avg	756	< MDL	0.135	< MDL	0.068	< MDL	< MDL	0.010	0.82		
L	TN2003G	N81 / EGTPM 9100006	1	644	< MDL	0.115	< MDL	0.118	< MDL	< MDL	0.021	1.49	Not Detected	
			2	499	< MDL	0.129	< MDL	0.139	< MDL	< MDL	0.018	1.01		
			3	551	< MDL	0.104	< MDL	0.104	< MDL	< MDL	0.025	1.25		
			Avg	565	< MDL	0.116	< MDL	0.120	< MDL	< MDL	0.021	1.25		
XL	TN2004G	N81 / EGTPXL 9100004	1	820	< MDL	0.098	< MDL	0.153	< MDL	< MDL	0.019	0.69	Not Detected	
			2	775	< MDL	0.073	< MDL	0.169	< MDL	< MDL	0.013	0.62		
			3	804	< MDL	0.115	< MDL	0.148	< MDL	< MDL	0.021	0.74		
			Avg	800	< MDL	0.095	< MDL	0.157	< MDL	< MDL	0.018	0.68		

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
				< MDL	0.028	0.005	0.008	0.107	< MDL	0.1	0.1	<= 20 Volt	<=10 ¹⁰
S	TN2001G	N81 / EGTPS 9100007	1	< MDL	0.030	0.005	0.008	0.108	< MDL	0.1	0.1	7	4.32E+10
			2	< MDL	0.026	0.005	0.008	0.113	< MDL	0.1	0.1	6	2.77E+10
			3	< MDL	0.028	0.004	0.007	0.101	< MDL	0.1	0.1	7	3.91E+10
			Avg	< MDL	0.028	0.005	0.008	0.107	< MDL	0.1	0.1	7	3.67E+10
M	TN2002G	N81 / EGTPM 9100010	1	< MDL	0.019	0.003	0.003	0.147	< MDL	0.1	0.1	4	2.25E+10
			2	< MDL	0.015	0.004	0.006	0.150	< MDL	0.1	0.1	3	2.81E+10
			3	< MDL	0.023	0.003	0.005	0.143	< MDL	0.1	0.1	3	2.56E+10
			Avg	< MDL	0.019	0.003	0.005	0.147	< MDL	0.1	0.1	3	2.54E+10
L	TN2003G	N81 / EGTPM 9100006	1	< MDL	0.029	0.005	0.008	0.133	< MDL	0.1	0.1	6	4.62E+10
			2	< MDL	0.022	0.004	0.005	0.104	< MDL	0.1	0.1	5	4.89E+10
			3	< MDL	0.026	0.005	0.007	0.149	< MDL	0.1	0.1	8	4.25E+10
			Avg	< MDL	0.026	0.005	0.007	0.129	< MDL	0.1	0.1	6	4.59E+10
XL	TN2004G	N81 / EGTPXL 9100004	1	< MDL	0.017	0.004	0.006	0.108	< MDL	0.1	0.1	9	3.18E+10
			2	< MDL	0.016	0.003	0.005	0.124	< MDL	0.1	0.1	8	2.67E+10
			3	< MDL	0.019	0.005	0.007	0.112	< MDL	0.1	0.1	6	3.44E+10
			Avg	< MDL	0.017	0.004	0.006	0.115	< MDL	0.1	0.1	8	3.10E+10

Remarks : < MDL - Less Than Method Detection Limit

Conclusion

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

Prepared by :



Mr Leaw Wei Zhen
QA Manager

Approved by:



Ms Sabariah Salleh
Senior QA Manager