

Certificate of Conformance

Details

Date : 9th December 2022

Type : Nitrile Glove (Class 100) - Good ESD

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 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	TN2001W-E	N80 / BTPS 8100265	1	751	< MDL	0.253	< MDL	0.217	< MDL	< MDL	0.045	2.27	Not Detected	
			2	804	< MDL	0.227	< MDL	0.203	< MDL	< MDL	0.041	2.44		
			3	773	< MDL	0.249	< MDL	0.244	< MDL	< MDL	0.038	1.84		
			Avg	776	< MDL	0.243	< MDL	0.221	< MDL	< MDL	0.041	2.18		
M	TN2002W-E	N80 / BTM 8100336	1	818	< MDL	0.218	< MDL	0.201	< MDL	< MDL	0.035	2.27	Not Detected	
			2	757	< MDL	0.237	< MDL	0.204	< MDL	< MDL	0.039	2.50		
			3	843	< MDL	0.224	< MDL	0.218	< MDL	< MDL	0.041	2.44		
			Avg	806	< MDL	0.226	< MDL	0.208	< MDL	< MDL	0.038	2.40		
L	TN2003W-E	N80 / BTPL 8100284	1	651	< MDL	0.218	< MDL	0.219	< MDL	< MDL	0.035	1.96	Not Detected	
			2	693	< MDL	0.211	< MDL	0.229	< MDL	< MDL	0.039	2.23		
			3	672	< MDL	0.227	< MDL	0.233	< MDL	< MDL	0.036	2.02		
			Avg	672	< MDL	0.219	< MDL	0.227	< MDL	< MDL	0.037	2.07		

Result :

Cleanliness Test										Decay Time (s)		Voltage Generation Test		SRM
Size	Part No	Lot No	No. of trial	Lithium	Sodium	Ammonium	Potassium	Calcium	Magnesium	+ve 1 KV	-ve 1 KV	Whole Hand	Two Finger	Ohms / sq
				µg/cm ²	µg/cm ²	µg/cm ²	µg/cm ²	µg/cm ²	µg/cm ²	µg/cm ²	<= 0.5 s		Volt	
S	TN2001W-E	N80 / BTPS 8100265	1	< MDL	0.024	0.003	0.008	0.133	< MDL	0.1	0.1	1.6	1.5	7.01E+08
			2	< MDL	0.015	0.004	0.007	0.150	< MDL	0.1	0.1	1.6	1.6	5.64E+08
			3	< MDL	0.021	0.003	0.008	0.141	< MDL	0.1	0.1	1.4	1.2	6.67E+08
			Avg	< MDL	0.020	0.003	0.008	0.141	< MDL	0.1	0.1	1.5	1.4	6.44E+08
M	TN2002W-E	N80 / BTM 8100336	1	< MDL	0.030	0.005	0.008	0.133	< MDL	0.1	0.1	1.6	1.5	5.79E+08
			2	< MDL	0.025	0.004	0.005	0.117	< MDL	0.1	0.1	1.7	1.6	5.41E+08
			3	< MDL	0.028	0.003	0.007	0.125	< MDL	0.1	0.1	1.4	1.3	5.92E+08
			Avg	< MDL	0.028	0.004	0.007	0.125	< MDL	0.1	0.1	1.6	1.5	5.71E+08
L	TN2003W-E	N80 / BTPL 8100284	1	< MDL	0.015	0.005	0.005	0.118	< MDL	0.1	0.1	1.4	1.4	6.22E+08
			2	< MDL	0.016	0.005	0.003	0.107	< MDL	0.1	0.1	1.2	1.2	6.59E+08
			3	< MDL	0.019	0.004	0.006	0.113	< MDL	0.1	0.1	1.3	1.2	6.17E+08
			Avg	< MDL	0.017	0.005	0.005	0.113	< MDL	0.1	0.1	1.3	1.3	6.33E+08

Remarks : < MDL - Less Than Method Detection Limit

Conclusion

The Nitrile Glove under Batch No : N800422 passed the above specification.

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