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QDHL2011012318MD

Test Report

Report No.: QDHL2011012318MD

Sample Description: POWDER FREE NITRILE EXAMINATION
GLOVES

Applicant: SHIJIAZHUANG HONGRAY GROUP CO.,
LTD.

Test Type: SUBMITTED BY CLIENT

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Test Report

Sample information	Sample Description	POWDER FREE NITRILE EXAMINATION GLOVES	Color	BLUE
	Received sample quantity/ Tested sample quantity	M-400PCS,S-20PCS,L-20PCS, XL-20PCS/ M-235PCS,S-15PCS,L-15PCS, XL-15PCS	Type/Specifications	NOT PROVIDED
	Lot No.	NOT PROVIDED	Lot Quantity	NOT PROVIDED
	Manufacture Date	NOT PROVIDED	Expiration Date	NOT PROVIDED
	Material/Appearance	NITRILE	Storage Condition	ROOM TEMPERATURE
	Manufacturer	NOT PROVIDED		
	Others	DEVICE IDENTIFIER HONGRAY: NEGPF9001-9005 CORRESPONDING DEVICE ID, NEOBEX: 1530-1020507B-E		
Client information	Applicant	SHIJIAZHUANG HONGRAY GROUP CO., LTD.		
	Applicant address	SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI , 052260, CHINA		

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Test information	Sample Receiving Date	NOV.18,2020	Test Period Date	NOV.18,2020 TO DEC.04,2020
	Sample No.	QDHL2011012318MD	Test environment	Meet requirement
	Test items	Freedom from holes (For size M only), Physical dimensions (Length, Width, Thickness)(For size S, M, L, XL),Physical property characteristics (For size M only), Powder residue for powder free gloves (For size M only)		
	Testing Accordance	ASTM D6319-19 Standard Specification for Nitrile Examination Gloves for Medical Application Clause 6.1.2, 6.1.3, 6.1.4, 6.1.5		
Test conclusion	This report only provides the test results and individual judgment, conclusion please see follow pages. Issue date: DEC.04,2020			
Remark	/			

Approver: *Jessie Gu* Auditor: *Jessie Gu* Compiler: *Lillian Diao*
 Date: *2020.12.04* Date: *2020.12.04* Date: *2020.12.04*

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Sample Photo



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Test Results

Test Items			Unit	Test Method	Requirement		Test Result	Assessment
Performance Requirements								
Freedom from Holes			/	ASTM D6319-19 Clause 6.1.2	Sample quantity: M:200pcs AQL: 2.5 Ac: 10 Re: 11		Found: M: 0	Pass
Physical dimensions	Length		mm	ASTM D6319-19 Clause 6.1.3	S: ≥220 M: ≥230 L: ≥230 XL: ≥230	Sample quantity: S:13pcs M:13pcs L:13pcs XL:13pcs AQL: 4.0 Ac: 1 Re: 2	See appendix 1 for details	Pass
	Width		mm		S: 80±10 M: 95±10 L: 110±10 XL:120±10			Pass
	Thickness-finger		mm		Median Value:≥0.05			Pass
	Thickness-palm		mm		Median Value:≥0.05			Pass
Physical property characteristics	Before Aging	Tensile strength	MPa	ASTM D6319-19 Clause 6.1.4	≥14	Sample quantity: M:13pcs AQL: 4.0 Ac: 1 Re: 2	See appendix 2 for details	Pass
		Ultimate Elongation	%		≥500			Pass
	After Aging	Tensile strength	MPa		≥14			Pass
		Ultimate Elongation	%		≥400			Pass
Powder Residue For Powder Free Gloves			mg	ASTM D6319-19 Clause 6.1.5	≤2.0	M: 0.18		Pass

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ppendix 1: Physical dimensions

Sample No.	Size: S			
	Length/mm	Width /mm	Median value /mm	
			Thickness-finger	Thickness-palm
1	250	88	0.117	0.072
2	246	88	0.118	0.070
3	246	87	0.116	0.069
4	248	88	0.117	0.074
5	247	88	0.117	0.073
6	246	87	0.113	0.068
7	250	87	0.113	0.071
8	246	88	0.109	0.075
9	244	86	0.115	0.070
10	246	85	0.127	0.073
11	245	87	0.111	0.071
12	248	87	0.111	0.070
13	246	86	0.110	0.072
Standard requirement	≥220	80±10	≥0.05	≥0.05
Found	0	0	0	0

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Sample No.	Size: M			
	Length/mm	Width /mm	Median value /mm	
			Thickness-finger	Thickness-palm
1	248	98	0.114	0.071
2	249	97	0.119	0.068
3	248	97	0.111	0.072
4	247	98	0.116	0.072
5	249	98	0.114	0.072
6	245	97	0.114	0.072
7	245	97	0.112	0.071
8	247	97	0.116	0.074
9	244	98	0.112	0.069
10	247	97	0.111	0.073
11	247	97	0.109	0.066
12	247	97	0.114	0.072
13	250	97	0.118	0.070
Standard requirement	≥230	95±10	≥0.05	≥0.05
Found	0	0	0	0

Sample No.	Size: L			
	Length/mm	Width /mm	Median value /mm	
			Thickness-finger	Thickness-palm
1	248	106	0.108	0.071
2	244	107	0.100	0.069
3	248	108	0.115	0.074
4	248	106	0.128	0.074
5	242	106	0.102	0.073
6	245	108	0.105	0.076
7	248	108	0.108	0.073
8	245	106	0.122	0.079
9	245	107	0.106	0.070
10	248	106	0.122	0.075
11	244	106	0.111	0.071
12	246	107	0.109	0.069
13	246	106	0.126	0.073
Standard requirement	≥230	110±10	≥0.05	≥0.05
Found	0	0	0	0

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Sample No.	Size: XL			
	Length/mm	Width /mm	Median value /mm	
			Thickness-finger	Thickness-palm
1	244	116	0.114	0.075
2	249	116	0.106	0.067
3	248	116	0.118	0.071
4	249	116	0.121	0.072
5	246	116	0.113	0.070
6	251	116	0.119	0.072
7	250	116	0.118	0.071
8	249	116	0.110	0.073
9	249	117	0.118	0.073
10	252	116	0.118	0.074
11	246	117	0.122	0.073
12	247	116	0.114	0.069
13	242	116	0.111	0.070
Standard requirement	≥230	120±10	≥0.05	≥0.05
Found	0	0	0	0

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Appendix 2: Physical property characteristics

Size: M					
Before Aging			After Aging		
Sample No.	Tensile strength (MPa)	Ultimate Elongation (%)	Sample No.	Tensile strength (MPa)	Ultimate Elongation (%)
1	24.0	522	1	21.6	467
2	22.7	503	2	22.3	470
3	29.0	529	3	25.4	468
4	26.0	520	4	24.9	466
5	27.1	569	5	27.0	489
6	21.0	500	6	23.9	475
7	27.2	532	7	27.1	472
8	27.2	557	8	25.8	491
9	20.3	519	9	22.4	479
10	39.0	501	10	18.7	469
11	24.4	503	11	22.4	492
12	29.0	528	12	22.3	479
13	23.1	515	13	21.7	474
Standard requirement	≥14	≥500	Standard requirement	≥14	≥400
Found	0	0	Found	0	0

Remarks:

The declaration of conformity is only based on the actual value of laboratory activity, measurement uncertainty of the results not take into account.

End of Report

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