

TOP GLOVE SDN. BHD.New Introductory
Product

PRODUCT SPECIFICATION
Biodegradable Nitrile Accelerator Free Powder Free Examination Gloves
(Finger Textured)

SECTION I : PRODUCT DESCRIPTION

- | | | |
|-------|--------------------|---|
| 1. 1 | Type | Biodegradable Nitrile Examination Glove, Accelerator Free, Powder Free, Online Single Chlorinated, Non-sterile |
| 1. 2 | Material | 100% Synthetic Nitrile Latex |
| 1. 3 | Color | Pastel Green |
| 1. 4 | Design and Feature | Ambidextrous, finger textured, beaded cuff |
| 1. 5 | Powder | No powder lubricant added |
| 1. 6 | Storage Condition | The gloves shall maintain their properties when stored in a dry condition. Avoid direct sunlight. |
| 1. 7 | Shelf-Life | The gloves shall have shelf life of 3 years from the date of manufacture with the above storage condition. |
| 1. 8 | Packing Style | 100 pcs gloves x 10 dispensers x 1 carton |
| 1. 9 | Size Marking | The size of gloves shall be marked in the check box on every carton with black ink. |
| 1. 10 | Application | <ul style="list-style-type: none"> • Biodegradable glove is environmental friendly product which provide environmental sustainability when dispose into landfill. • This glove can be biodegrade and break down by micro-organism into biogases and inert humus which is far more rapid than normal nitrile glove hence provide energy conservation to earth. |

SECTION II : PERFORMANCE REQUIREMENTS

(Sampling Plan – ISO 2859 Single Normal)

#	Characteristics	Inspection Level	Acceptable Quality Level	Reference Standard
2.1	Dimensions	S2	4.0	ASTM D6319-10 (2015)
2.2	Physical Properties	S2	4.0	ASTM D6319-10 (2015)
2.3	Freedom from Holes (Air Pump Test)	GI	1.5	In-house practice
2.4	Visual Defects:			
(i)	Major Visual	GI	2.5	In-house practice
(ii)	Minor Visual		4.0	
2.5	Packaging Defects:		**	In-house practice
(i)	Regulatory	GI	4.0	
(ii)	Visual	S2	4.0	
(iii)	Critical (incl. Gloves Counting)			

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#	Characteristics	Inspection Level	Acceptable Quality Level	Reference Standard
2.6	Powder Free Residue	N=5	-	ASTM D6319-10 (2015) ASTM D6124-06 (2017)
2.7	Mix Size / Mix Glove / Mix Hand	Not Allowed		

**Unacceptable at any level

SECTION III: PERFORMANCE SPECIFICATION

3.1 Dimensions

Description	Size	Standard
Length (mm)	All Sizes	Min 240
Palm Width (mm)	XS	76 +/- 3
	S	84 +/- 3
	M	94 +/- 3
	L	105 +/- 3
	XL	113 +/- 3
Thickness (mm) *single wall	All Sizes	Finger : 0.09 +/- 0.02 (Typical value: 0.09 – 0.11) Palm : 0.07 +/- 0.02 (Typical value: 0.06 – 0.07)

3.2 Physical Properties

Description	Standard	
	Before Aging	After Aging
Elongation at Break (%)	Min 500 (Typical value: 500 - 600)	Min 400 (Typical value: 400 – 550)
Tensile Strength (MPa)	Min 14 (Typical value: 14 – 18)	Min 14 (Typical value: 14 – 18)

3.3 Freedom from Holes

The sample size and allowable number of non-conforming gloves in the samples shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using inspection and acceptable quality level as stated in Section II: Performance Requirements.

3.4 Visual Defects

The sample size and allowable number of non-conforming gloves in the samples for both major and minor defects shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using inspection and acceptable quality level as stated in Section II: Performance Requirements.

3.5 Packaging Defects

The Sample size and allowable number of non-conforming in the samples for regulatory, visual and critical packaging defects shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using inspection and acceptable quality level as stated in Section II: Performance Requirements (Gloves Counting=100 pcs by weight per Dispenser).

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- 3.6 Powder Free Residue
Maximum 2 mg per glove

Prepared by:
Quality Product Management System Division

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Checked by:
Eva Vinoni Bt Mustafa
Senior Manager, QA

Approved by:
Noor Akilah Saidin
Deputy General Manager, QA