

## PRODUCT SPECIFICATION

### Powdered Examination Glove (Smooth)

#### SECTION I : PRODUCT DESCRIPTION

1.1	Type	Latex Examination Glove, <b>Powdered</b> , Non-sterile
1.2	Material	Natural High Grade Rubber Latex
1.3	Color	<ul style="list-style-type: none"> <li>○ Natural to white and uniform allowing for gradual shift due to thickness variation</li> <li>○ Green Mint</li> <li>○ Green</li> <li>○ Blue</li> </ul>
1.4	Design and Feature	Ambidextrous, <b>smooth</b> , beaded cuff
1.5	Powder	Inside absorbable cornstarch USPXX1
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 5 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.

#### 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 D3578-05
2.2	Physical Properties	S2	4.0	ASTM D3578-05
2.3	Freedom from Holes (Air Pump Test)	GI	1.5	In-house practice
2.4	Visual Defects:	GI	2.5 4.0	In-house practice
(i)	- Major Visual			
(ii)	- Minor Visual			
2.5	Packaging Defects:	GI	** 4.0 4.0	In-house practice
(i)	Regulatory			
(ii)	Visual			
(iii)	Critical (incl. Gloves Counting)	S2		
2.6	Powder Amount	N = 2	-	ASTM D3578-05 ASTM D6124-06
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: 0.15 +/- 0.02 (Typical value: 0.14 – 0.16)  Palm: 0.10 +/- 0.02 (Typical value: 0.09 – 0.11)

### 3.2 Physical Properties

Description	Standard	
	Before Aging	After Aging
Elongation at break (%)	min 650 (Typical value: 650 – 800)	min 500 (Typical value: 500 – 700)
Tensile Strength (MPa)	min 18 (Typical value: 18 - 22)	min 14 (Typical value: 14 – 21)

### 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).

### 3.6 Powder Amount

Maximum 10 mg per dm<sup>2</sup>

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