

TOP GLOVE SDN. BHD.
TEST REPORT

Type Of Glove : **Nitrile Examination Online Chlorinated Powder Free Glove (Finger Textured)**
 Glove Code : **CW30**
 AQL Required : **1.5**
 Reference Standard : The above consignment of goods have been inspected against Top Glove standard where samples selected at random using Single Sampling Plans for Normal Inspection of ISO 2859-1.

Declared - Size - Quantity	Size	Quantity (pcs)
	S	100,000
	M	100,000
	L	100,000
	Total	300,000

1. Freedom from Holes and Visual Defects

Size	Holes			Visual Defect (Inspection Level : G1)						Result
	Inspection level : G1, AQL 1.5			Major Defects, AQL 2.5			Minor Defects, AQL 4.0			
	Sample size (pcs)	Acceptance (pcs)	Defects (pcs)	Sample size (pcs)	Acceptance (pcs)	Defects (pcs)	Sample size (pcs)	Acceptance (pcs)	Defects (pcs)	
S	200	7	2	200	10	4	200	14	5	Pass
M	200	7	5	200	10	7	200	14	12	Pass
L	200	7	3	200	10	9	200	14	8	Pass

2. Dimensions

Inspection Level : S2, AQL 4.0 Result : Pass
 Acceptance : 1

Sample No.	Size	Length (mm)	Width (mm)	Thickness (single wall) (mm)	
				Fingertip	Palm
1	S	246	85	0.09	0.05
2		243	86	0.08	0.06
3		242	86	0.08	0.06
4		243	84	0.07	0.05
5	M	244	96	0.09	0.06
6		245	95	0.08	0.06
7		242	96	0.08	0.05
8		244	97	0.09	0.06
9	L	243	105	0.09	0.05
10		242	105	0.08	0.06
11		243	105	0.09	0.06
12		244	104	0.09	0.06
13		245	104	0.08	0.05

ASTM D6319 – 10 (2015) Requirement:

Size	Length (mm)	Width (mm)	Thickness (mm)
XS	≥ 220	70 ± 10	Finger & Palm (Single wall) Min 0.05
S		80 ± 10	
M		95 ± 10	
L	≥ 230	110 ± 10	
XL		120 ± 10	

3. Physical Properties

Inspection Level : S2, AQL 4.0 Result : Pass
 Acceptance : 1

Sample No.	Size	Before Aging		After Accelerated Aging	
		Tensile Strength (MPa)	Elongation %	Tensile Strength (MPa)	Elongation %
1	S	18.2	584	15.8	498
2		15.6	577	16.9	475
3		16.2	601	15.4	482
4		16.9	598	15.2	501
5	M	17.9	614	16.8	536
6		18.4	623	15.7	492
7		17.0	605	16.0	517
8		18.2	596	15.9	522
9	L	17.7	613	16.7	516
10		16.3	628	17.0	492
11		18.6	599	16.8	530
12		17.9	615	18.6	514
13		18.4	632	17.4	495

ASTM D6319 – 10 (2015) Requirement:

Before Aging		After Accelerated Aging	
Tensile	Elongation	Tensile	Elongation
Min 14 MPa	Min 500%	Min 14 MPa	Min 400%

Note :
 A test result is the median of three individual test measurement values.

4. Powder Residue

Sampling size, N = 5
 Requirement: Max 2 mg / glove

Size	mg / glove	Result
S	1.2	Pass
M	0.8	Pass
L	0.6	Pass

CONCLUSION : We hereby certify that the above consignment of goods were determined to meet the acceptable limit of the specifications as referring to the above findings of randomly selected samples.