

TOP GLOVE SDN BHD

Certificate of Analysis

Customer	ALESSA S.A.
Brand	TOP GLOVE (ALESSA SA)
Sales Order	2000105474
Customer PO	-
Type of Glove	NITRILE POWDERED GLOVE (Palm Textured/Embossed Outside, Blue)
AQL Required	1.5
Date of release	17.09.2020
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	Quantity, Size, Lot No., Manufacturing Date, Expiry Date

COA1110/2000105474/000

Size	Quantity (Carton)	Quantity (Pieces)	Lot No.	Manufacturing Date	Expiry Date
S	850	850,000	210105474NPZC	2020-08	2025-07
M	1,000	1,000,000	210105474NPZC	2020-08	2025-07
L	250	250,000	210105474NPZC	2020-08	2025-07
TOTAL	2,100	2,100,000			

Characteristics	Size	Unit	Inspection Level	Acceptance	Result
Freedom From Holes					
	S	PC	GI	AQL 1.5	PASS
	M	PC	GI	AQL 1.5	PASS
	L	PC	GI	AQL 1.5	PASS

Characteristics	Size	Unit	Inspection Level	Acceptance	Result
Major Visual Defect					
	S	PC	GI	AQL 2.5	PASS
	M	PC	GI	AQL 2.5	PASS
	L	PC	GI	AQL 2.5	PASS

Characteristics	Size	Unit	Inspection Level	Acceptance	Result
Minor Visual Defect					
	S	PC	GI	AQL 4.0	PASS
	M	PC	GI	AQL 4.0	PASS
	L	PC	GI	AQL 4.0	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Glove Length					S2_4.0MV			
	S	mm	13	0	1	244	248	PASS
	M	mm	13	0	1	245	249	PASS
	L	mm	13	0	1	247	250	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Glove Palm Width					S2_4.0MV			
	S	mm	13	0	1	84	85	PASS
	M	mm	13	0	1	94	95	PASS
	L	mm	13	0	1	104	105	PASS
Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Fingertip Thickness					S2_4.0MV			
	S	mm	13	0	1	0.11	0.12	PASS
	M	mm	13	0	1	0.11	0.12	PASS
	L	mm	13	0	1	0.11	0.12	PASS
Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Palm Thickness					S2_4.0MV			
	S	mm	13	0	1	0.09	0.10	PASS
	M	mm	13	0	1	0.09	0.10	PASS
	L	mm	13	0	1	0.09	0.10	PASS

ASTM D6319-19 Requirement:

Length (mm) :	Width (mm) :	Thickness (Fingertip & Palm) :
XS, S : Min. 220	XS : 70 ± 10	Min. 0.05mm
M, L, XL, XXL : Min. 230	S : 80 ± 10	
	M : 95 ± 10	
	L : 110 ± 10	
	XL : 120 ± 10	
	XXL : 130 ± 10	

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Tensile Strength Before Aging					S2_4.0MV			
	S	MPa	13	0	1	19.2	20.3	PASS
	M	MPa	13	0	1	19.5	20.9	PASS
	L	MPa	13	0	1	19.7	21.9	PASS
Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Tensile Strength After Aging					S2_4.0MV			
	S	MPa	13	0	1	16.2	19.3	PASS
	M	MPa	13	0	1	16.5	19.9	PASS
	L	MPa	13	0	1	16.8	20.9	PASS
Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Elongation Before Aging					S2_4.0MV			
	S	%	13	0	1	550.0	582.0	PASS
	M	%	13	0	1	555.0	585.0	PASS
	L	%	13	0	1	565.0	600.0	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Elongation After Aging					S2_4.0MV			
	S	%	13	0	1	442.0	485.0	PASS
	M	%	13	0	1	445.0	485.0	PASS
	L	%	13	0	1	447.0	520.0	PASS

ASTM D6319-19 Requirement:

Before Aging :

Tensile Strength : Min. 14Mpa

Elongation at Break : Min. 500%

After Aging :

Tensile Strength : Min. 14Mpa

Elongation at Break: Min. 400%

Characteristics	Size	Unit	Sample Size	Mean Value	Result
Powder Amount (Powdered Glove)			FIXTR_2		
	S	mg/dm ²	2	6.29	PASS
	M	mg/dm ²	2	6.38	PASS
	L	mg/dm ²	2	6.49	PASS

Requirement : Max. 10mg/dm²

Conclusion

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

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This is a computer generated test report, no signature is required.