

NITRILE POWDER FREE EXAMINATION GLOVES

Single-use | Ambidextrous | Fingertip textured | Non-sterile



Product Specification Sheet

Nitrile Powder Free-Examination Gloves

Type	Nitrile non sterile powder free gloves
Material	Nitrile Butadiene Rubber (NBR)
Colour	Blue
Design & Feature	Ambidextrous, Beaded Cuff, Finger Textured
Donning Aid	Chlorinated
Product Classification	MDD: Class I / FDA: 80LZA-880-6250
Powder Content	Max 2.0 miligram /glove
Protein Content	N/A
Size Available	S, M, L, XL
Storage Condition	Product shall be stored under room condition, avoid direct sunlight
Shelf Life	Product shall have shelf life of 3 years from the date of manufacture with the above storage condition
Packing Style	100 per box by weight, 10 box per carton
Performance Standard	EN 455-Part 1-4. / EN 374-Part 1-5 / ISO 13485:2016 / FDA 510k



PHYSICAL DIMENSION - - 3 MILS, 240 MM / 9"

Size	S	M	L	XL
Ave width (mm)	80±10	90±10	105±10	115±10
Ave weight (gm)	3.4±0.3	3.8±0.3	4.0±0.3	4.3±0.3
Length (mm)	Min 240			
Thickness	Cuff	0.040±0.02		
	Palm	0.070±0.02		
	Finger	0.090±0.02		

PHYSICAL PROPERTIES - ASTM

Parameters	Before Aging			After Aging		
	Tensile Strength (MPa)	Elongation at break (%)	Modulus at 500% (MPa)	Tensile Strength (MPa)	Elongation at break (%)	Modulus at 500% (MPa)
Result	18 - 28	650 - 750	Max 2.8	14 - 18	500 - 650	Max 2.8
ASTM Requirement	Min 14	Min 650%	Max 2.8	Min 14	Min 500%	N/A

PHYSICAL PROPERTIES - EN

Parameters	Before Aging		After Aging	
	Force at Break (N)	Elongation at break (%)	Force at Break (N)	Elongation at break (%)
Result	9.0 - 11.0	N/A	6.0 - 10.0	N/A
EN Requirement (median)	Min 9 N	N/A	Min 6 N	N/A

CHEMICAL ANALYSIS

Requirement	Protein Content	Powder Content
		Powder Free
Result	N/A	Below 2.0
ASTM requirement	N/A	Max 2.0 milligram/glove

PERFORMANCE

Inspection	Related Defects	Inspection Level	AQL
Watertight Test	Holes	G-1	1.5
Visual Inspection	Major Defects		2.5
	Minor Defects		4.0
Physical Properties	Tensile Strength and Elongation	S-2	4.0
Physical Dimension	Measurement	S-2	4.0