



GREAT UTOPIAN SDN.BHD.(1084795-A)
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9"/12" CLEANROOM CLASS 100 NITRILE GLOVES

TECHNICAL DATA SHEET

- 1 Material : Acrylonitrile Butadiene Copolymer Latex
 2 Extractable Protein : - Nil -
 3 Colour : Off White to light yellow
 4 Design & Feature : Ambidextrous With Textured Tips And Beaded Cuff
 5 Dimensions :

Glove Size	Palm width (mm)	Length (mm)	Length (mm)
Extra - Small	55 - 75	55 - 75	min. 290
Small	70 - 90	70 - 90	min. 290
Medium	85 - 105	85 - 105	min. 290
Large	100 - 120	100 - 120	min. 290
Extra - Large	105 - 125	105 - 125	min. 290

- 6 Physical Properties :

	Before Aging	After Aging
Tensile Strength (MPa)	Min. 18	Min. 16
Elongation (%)	Min. 500	Min. 400

CLEANLINESS TEST - PER SEAGATE PROTOCOL

- 7 Liquid Particle Count : Particle size of 0.5 um & above
 : Max. 900 / cm²

- 8 Ionic Extractables (in mg/g) :

Trace elements (symbol)	Maximum
Chloride (Cl)	0.10
Nitrate (NO ₃)	0.20
Sulphate (SO ₄)	0.10

- 9 Non-volatile residue : In DI Water < 1.6 mg/g
 In IPA / Hexane < 35.0 mg/g

- 10 Copper Strip : No discolouration

- 11 FTIR : No silicone, DOP, Amide, Esters

ESD TEST - PER SEAGATE PROTOCOL

- 12 Volume Resistance : Hand to Hand < 1 x 10¹⁰
 Probe to Probe < 1 x 10¹⁰

- 13 Static Decay : < 0.5 seconds

