Technical Datasheet

VWR® CLEANROOM NITRILE GLOVES, CLASS 100 300MM, GREEN, NON-STERILE

Specifications

Material	Acrylonitrile butadiene
Features	Non-sterile, Textured fingertip, Beaded cuff, Ambidextrous and Accelerator-Free
Color	Green
Size range	X-Small, Small, Medium, Large, X-Large and XX-Large
Latex statement	This product is not made from natural rubber latex
Cleanroom	Suitable for ISO Class 5 (FED-STD-209E Class 100/M3.5) or higher cleanroom

Dimension

Description	Glove Size	Result
Length (mm)	All sizes	min. 300
Palm Width (mm)	XS	75 +/- 5
	S	85 +/- 5
	M	95 +/- 5
	L	105 +/- 5
	XL	115 +/- 5
	XXL	125 +/- 5
Thickness (mm)	All sizes	
	- Finger	0.14 – 0.20
	- Palm	0.10 – 0.12
	- Cuff	0.08 – 0.10

Physical Properties

Description	Result	Test Method
Tensile Strength (MPa)	≥ 18	ASTM D 412
Ultimate Elongation (%)	> 500	ASTM D 412

BARRIER PROPERTY

Description	**Result**	Test Method
Freedom From Holes	Inspection Level G1 / AQL 1.5	ASTM D5151

STATIC DISSIPATIIVE PROPERTIES

Description	Result	Test Method
Surface Resistance (ohms at 50% RH)	< 5 x 10^{11}	ESD/EOS S11.11, FTMS 101-C,4046
Static Decay (seconds at 50% RH)	< 2	

CLEANLINESS PROPERTIES

Description	Result	Test Method
Liquid Particle Count (max. ≥ 0.5 µm/cm^2)	< 1,500	IEST-RP-CC005.4
Water Extractable Ions (µg/cm^2)		
Fluoride, F^-	< 0.010	
Bromide, Br^-	< 0.010	
Chloride, Cl^-	< 0.600	
Nitrite, NO_2^-	< 0.010	
Nitrate, NO_3^-	< 0.500	
Sulphate, SO_4^{2-}	< 0.200	
Phosphate, PO_4^{3-}	< 0.010	
Sodium, Na^+	< 0.200	
Potassium, K^+	< 0.100	
Calcium, Ca^{2+}	< 0.500	
Magnesium, Mg^{2+}	< 0.010	
Lithium, Li^+	< 0.010	
Ammonium, NH_4^+	< 0.005	
Zinc, Zn^{2+}	< 0.100	
Non-Volatile Residue (µg/cm^2)		
Solvent IPA	< 25.0	
Fourier Transform Infra-Red, FTIR		
Silicone, Amide & Dioctyl phthalate	Not detected	

Compliance to European Regulations and Standards

PPE Regulation (EU) 2016/425: Category III
Regulation (EC) 1935/2004 on Food Contact Materials
EN ISO 21420:2020, EN ISO 374-1:2016+A1:2018 Type B (KPT), EN ISO 374-5:2016 VIRUS, EN ISO 374-4:2019 issue by Notified Body, SATRA

PACKAGING & STORAGE

Size	Catalogue Number	Quantity per case
X-Small	112-7043	1,000
Small	112-7044	1,000
Medium	112-7045	1,000
Large	112-7046	1,000
X-Large	112-7047	1,000
XX-Large	112-7048	1,000

Package	100 pcs per double polybag, 10 bags per outer liner/double walled carton
Best storage Conditions	Store in a cool and dry place. Recommended storage temperature 10^0C – 40^0C
	Keep away from naked flame, direct sunlight or ozone sources
Shelf Life	5 years
Country of Origin	Malaysia