

PRODUCT SPECIFICATION	PRODUCT: POWDERED or POWDER-FREE VINYL EXAMINATION GLOVES	PREPARED BY : LYNCMED
		APPROVED BY : QC ,PRODUCTION DEPT
		DATED :4th July 2018

A. PHYSICAL DIMENSION

TEST METHOD all standards in latest edition	CHARACTERISTIC	CRITERIA				
	Glove Length, mm	average \geq 240 for all sizes / no single value below 235mm				
	Thickness , mm	\geq 0.06mm				
	Palm	\geq 0.05for all sizes				
	Finger	\geq 0.05for all sizes				
EN 455-2	Physical Dimension		SMALL	MEDIUM	LARGE	XLARGE
	Palm Width, mm		80-90	90-100	100-110	110-120
	Glove Weight, gram		4.0 \pm 0.3	4.5 \pm 0.3	5.0 \pm 0.3	5.5 \pm 0.3

Choose 10pcs gloves of each size randomly for weight inspection and to calculate the average gram.

B. PHYSICAL AND CHEMICAL PROPERTIES

TEST METHOD all standards in latest edition	CRITERIA	CHARACTERISTIC
EN455-2	Force at Break after ageing and during shelf life	minimum 3.0 N (measured with 3mm dumbbell)
ASTM: D 5250	Elongation	
ASTM: D 412	Before Aging	minimum 300%
ASTM: D 412	After Aging	minimum 300%
ASTM: D 5250	Tensile Strength	
ASTM: D 412	Before Aging	minimum 11 Mpa
ASTM: D 412	After Aging	minimum 11 Mpa
	Donning of gloves	with dry and wet hands without problems
EN455-4	Shelf Life	5 years

C. POWDER CONTENT / POWDER RESIDUE

TEST METHOD	CRITERIA
ASTM D 5250 / 6124	powder content limit of 10.0 mg/dm ² per powdered glove
EN 455-3	powder residue limit of 2.0 mg per powder-free glove

E. PERFORMANCE REQUIREMENTS - AQL

PARAMETER	DEFECT DESCRIPTION	INSPECTION LEVEL AQL	SAMPLING METHOD
Critical Defects	discoloration, smell, tackiness-sticky, donnability limited.	not acceptable	Visual Inspection
Watertight	Holes (all kinds of holes)	4.0	G-1
Major Defects serious functional defects (restricted usability)	sticking pleat (between palm and finger) > 5mm sticking pleat cuff > 10mm particles lumps bigger than 1 cm non removable dirt /stain thin spot sticky, not matching colour broken beading burned wrong size	1.5	G-1
Minor Defects	loose dirt /stain defective beads incomplete bead	4.0	G-1
non-conformities of lower degree of concern, which do not affect use of glove	PHYSICAL AND CHEMICAL PROPERTIES Glove Length Count per box Average Weight Thickness	4.0	S-2

F. SPECIFICATION

Sterility	: Non-Sterile
Intended Use	: Industry /Food, Hygiene
Basic Material	: PVC, Polyvinylchlorid; DINP or DOTP as plastiziser
Donning Powder	: modified cornstarch according to EN455-3; no talcum added (free of magnesium silicate)
Orientation	: Ambidextrous
Cuffs	: Ring Roll Bead
Color	:Blue