Material Data Sheet

Super Nova

Physical Data - Composition

Carboxylated Butadiene Acrylonitrile Polymer Latex	95.0 – 98.0%
Ammonia	0.40 - 1.50%
Vultamol	0.10 - 0.50%
Wetting Agent	0.10 - 0.50%
Zinc Oxide	0.50 - 2.00%
ZDEC (Zinc diethyldithiocarbamate)	0.25 -1.00%
ZDBC (Zinc dibutyldithiocarbamate)	0.25 - 1.00%
Sulphur	0.50 - 2.00%
Titanium Dioxide	1.00 - 5.00%
Pigment or Dye (Blue)	As required to suit

Fire & Explosion
Stability: Stable
Extinguishing Media: Foam, Dry Powder, Carbon Dioxide, and Water
Hazardous Decomposition of Byproducts: Thermal decomposition at extreme temperature (Decomposition at 900°C) may produce compounds of cyanide

Precaution
Do not reuse gloves. Good quality exam gloves provide an excellent biological barrier. They are not intended for use as a chemical barrier.

Storage
Store in original packing in a cool, dry and well ventilated area, away from dust, sunlight, moisture, X-ray, and excessive heat above 100°F (37°C).

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PRODUCT SPECIFICATION					
Product Name	Non-sterile Powder Free Nitrile Examination Gloves				
Applications	To conduct medical examination, diagnostic and therapeutic procedures to protect patient and user from cross contamination or infection.				
Product Conformance	ASTM D6319 and EN455				
Material	Butadiene Acrylonitrile				
Cuff	Beaded				
Color	Violet / Blue				
Type	Ambidextrous				
Surface finish	Finger textured				
Dimension	Size	Palm Width (mm)		Length (mm) min.	
	X-Small	78 – 81		240min	
	Small	83 – 86		240min	
	Medium	93 - 96		240min	
	Large	102 - 105		240min	
	Extra Large	112 - 115		240min	
Thickness	Single wall thickness (mm)				
		ASTM		Range	
	Cuff	-		0.04 – 0.05	
	Palm (center)	0.05min		0.05 – 0.07	
	Finger (tip)	0.05min		0.08 – 0.10	
Physical Properties		ASTM	B. Aging	ASTM	A. Aging
	Tensile Strength (MPa)	14min	≥ 17	14min	≥ 16
	Ultimate Elongation (%)	500min	500 - 600	400min	400 - 500
Residual Powder	Less than 2.0 mg per glove				
Quality Specification	Inspection Criteria			Sampling Plan/AQL	
	Dimension			S2 – AQL 4.0	
	Physical Properties			S2 – AQL 4.0	
	Water Tight Test			G1 – AQL 1.5	
	Visual Inspection – Major			G1 – AQL 2.5	
	Visual Inspection – Minor			G1 – AQL 4.0	
Quality Assurance	Manufacturing process in compliance with ISO 9001 & ISO 13485 Quality Management System and ISO 14001 Environment Management System.				