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Chem

Technical Data Sheet
YB-D709
NBR Latex

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Technical data sheet

YB-T708 NBR Latex

Product description

YB-D709 NBR Latex is a copolymer emulsion formed by emulsion polymerization from butadiene, acrylonitrile and functional monomers in liquid form with milky color. It has good storage stability and process operability. YB-D709 NBR Latex polymer also has excellent oil resistance, chemical resistance, crosslinking with sulfur and metal oxides, and good binding force with polar materials such as fibers and non-woven fabrics.

Product advantages

- Excellent tensile strength
- Excellent tensile resistance to various oils
- Good storage stability and process operability
- Excellent Chemical resistance

Packaging and storage

- YB-T708 NBR Latex can be supplied in either:
- Plastic drum (200±1kg/drum)
 - IBC drum (1000±3kg/drum)
 - Flexible Tank/ISO Tank (20000kg/Tank)

It is recommended to store at an even temperature between 5°C and 35°C avoiding direct sunlight and freezing temperatures. Please keep NBR latex away from sources of ignition and thermal sources such as steam pipes and boilers and be protected from freezing. Keep the outer package intact, lightly load and unload during transportation. The manufacturer can confirm that YB-D709 NBR Latex is stable for six month's from production date. Use under good ventilation and avoid direct contact with skin and eyes.

Applications

It is mainly used in the production of medical grade nitrile examination gloves.

Typical physical properties

Specification	Unit	Result
Appearance	-	Milky liquid
Total solid substance	%	≥ 42.0
PH value	-	7.5≤ PH≤9
Viscosity	mPa.s.	≤ 100
Surface Tension	mN/m	≤ 20 - 50

Certificate of analysis

Acrylonitrile-Butadiene Rubber (NBR) Latex for dipped rubber articles

Product Name NBR Latex
Product Code YB-D709
Testing Date 23.12.2021
Production Date 23.12.2021
Sampling Spot 001
Lots Number YB709-2112012
Quantity (mt) 20

Item	Unit	SPEC	Result
Solid content	%	≥ 42.0	44.73
PH Value	-	$7.5 \leq \text{PH} \leq 9$	8.1
Viscosity	mPa.s	≤ 100	58
Surface Tension	mN/m	20-50	35
Mechanical Stability	%	≤ 0.5	0.11
Conclusion QUALIFIED			



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