

Technical Information

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Himoloc MJ480

Product for paper and paperboard manufacturing

DESCRIPTION

Ply bond agent in the paper and paperboard application.

Better dissolution compared to the emulsion and solid products.

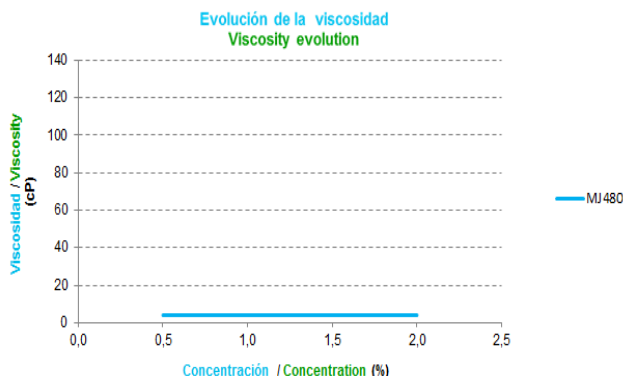
The product is free of organic solvents, surfactants and volatile organic compounds (VOCs).

Its main ingredients are: polymer, salts and water.

CHARACTERISTICS

Type of product	: Water dispersion anionic polymer
Appearance	: White milky liquid
Ionic character	: Anionic
Odor	: Salty odor
Density	: 1.2 g/cm ³
pH	: 2 - 4
Viscosity	: < 1500 cP
Molecular weight	: Very High
Shelf life	: We recommend not keeping the product for more than 9 months.

Note: The parameters indicated here are not necessarily the specifications of the product. These will be agreed with each customer and will be a part of the contract that must be respected for each batch supplied.



APPLICATION

- It is recommended preparing dissolutions over cold water and neutral pH at concentrations within the range of 1-5%.
- The product reaction starts quickly either with drying, sun or soil pH effect.
- Water dispersions of the product have a very low viscosity provided that is not prepared with warm and/or alkaline water, which allows spraying.
- Consult with our technical staff in case of doubt.

BENEFITS

The following treatments are recommended:

- Decrease TG (Temperature of Gelatinization): Improves drying stage, decreases energy consumption, increases machine speed.
- Recovery of fibers and charges.
- Improves the drainage of waste water in the paper machine. It also improve paper drying, reducing the need for steam in the drying area.
- Highly recommended in retention and drainage programs in combination with other polyacrylamides.
- Micro polymer with 3D structure that improves the formation of the sheet and the mechanical properties of the paper.
- It does not cause the emission of Volatile Organic Compounds (VOCs).

STORAGE AND DISTRIBUTION

- The product should be kept in a covered place, the container tightly closed, protected from sunlight and within the temperature range recommended in Section 7 of the Safety Data Sheet.
- Once the container is open, avoid contamination with any other water based product and/or with strong bases. Check the Material Safety Data Sheet.
- For bulk product avoid metal tanks. Plastic materials are recommended (polypropylene, polyethylene...).
- There is a great variety of containers. Check with our Customer Service in order to choose the most convenient one.

REGULATORY

FDA – 21 CFR 176.110 – for paper and paperboard in contact with food.

BfR – Recommendation XXXVI: Paper and Board for food contact – B: Production aids – I: Sizing agents

GB9685- Hygienic Standards for Uses of Additives in food containers and packaging materials.