



COLLAMIDON 8403 PRODUCT DATA SHEET

Paper starch

GENERAL DESCRIPTION

- Chemical base: corn starch
- Soluble in hot water

- Appearance: white fine powder
- Odour: specific, pure

ANALYSIS DATA

- Moisture: 10,0 – 12,0 %
- Ash (550°C): max. 2,0 % in d.s. (dry substance)
- pH-value (10% solution, room temperature): 6,0 – 8,0
- Viscosity: 112 g substance + 500 ml water, boil in water bath, stirring 20 min with 250 rpm, Brookfield, spindle 2, 100 rpm, 50 °C: 60 – 100 mPa.s

STORAGE AND MINIMUM SHELF-LIFE

- If properly stored under dry conditions (max. 70 % relative humidity) and well protected from heat: approx. 36 months

PACKING

- In multiply paper bags of 25 kg (1 one-way pallet = 30 bags = 750 kg)
- In big bag of 900 kg and 950 kg (1 EU-pallet = 1 big bag)

CUSTOMS TARIFF NUMBER

- 3505 1090

PROPERTIES AND APPLICATIONS

- By mild oxidation of the corn starch a very homogeneous starch product with low tendency to gelatinization is achieved.
- An essential requirement to get full benefit of COLLAMIDON 8403 high adhesive strength is a careful preparation by cooking. Recommendation is made to use a jet-cooker for cooking up this product. If none is available COLLAMIDON 8403, after cooking up, should be held at a constant temperature of 95 °C for at least 30 minutes to ensure an even dispersion. Final concentration of this preparation should not exceed 20 % in D.S.
- COLLAMIDON 8403 is suitable for use at the size press as well as at high-speed metering units and at the coating unit. COLLAMIDON 8403 is hot water soluble.

Above stated information is indicative only and no responsibility can be assumed. Recommendation is made to check suitability of our product by doing tests on your own.