



**Starch Industry
"JABUKA"
Pančevo**

**PRODUCT SPECIFICATION
PAPIRIN NS2**

No: SP.14

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1. Product Identification

Product Name: Papirin NS-2
Barcode: 8606105499262
Appearance: Fine powder, white.
Chemical composition: Poly-component product consisted of corn starch and chemical additives.

2. Characteristics

NAME / unit	VALUE	LIMITS	ANALYSIS METHOD
Moisture (%)	max 14	-	MI.32 – SRPS EN ISO 1666
Ash (%)	max 1	-	MI.36 – SRPS EN ISO 3593
pH-value (20% suspension)	-	5.0 - 7.0	MI.33 – Potenciometry
Viscosity by Brookfield (mPas)	-	35 - 40	MI.38 – Internal method

3. Legal Acts

3.1 Law on safety of Foods and objects for general use Official Gazzete of the RS no. 92/2011

4. Packaging

Multi layer paper bags (20 – 50 kg), big-bags, bulk.

5. Marking / Declaration

The label (declaration) includes:

- product name
- name and address of manufacturer
- net mass in kg
- date of production
- expiry date
- storage conditions

6. Storage conditions / Transport

Storage: Dry, well ventilated rooms

Transport: Closed vehicles.

7. Validity

Two years

8. Application

Papirin NS-2 is used in the paper industry for the improvement of the physical and mechanical characteristics of paper. It is applied to paper with press machine for starch penetration.

Preparing the water temperature of 20-45 °C, with intensive mixing, the concentration of 12%. Suspension of starch is cooked 30 minutes at a temperature of 95 °C, dilute to working concentration of 5-8% and the cool temperature of 50 °C.

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