

Technical Bulletin

Starch

Premium Blended Starch for the Highest Quality Fabric Finishes with Added Borax

Product Description:

Premium blended starch providing the best possible fabric finishing where superior results are required every time. Pre-cooked for convenient instant starching.

STARCH is a dry, pre-cooked concentrated that offers the ultimate in starching flexibility & economy. Added dry-to-the-wheel in the exact amount needed to obtain the type of body & finish required. Dispenses quickly and provides desired body and finish.

STARCH disperses into solution rapidly. It performs effectively on most cotton & polyester/cotton blend fabrics & both whites & colours. The use of STARCH not only enhances the body of finished work, but also reduces lint problems & adds soil resistance. Performs efficiently, saving time and money.

STARCH saves time, energy & wasted starch by eliminating starch cooking, heat maintenance of cooled starch solution & by discarding unused starch at the end of the day. STARCH is concentrated & flexible, providing low cost use while performing with great flexibility.

STARCH amounts can be varied to achieve the desired degree of "body" or stiffness. This product can be added directly to the sour operation, or it may be used in a separate operation, after souring, when only a portion of the load is to be starched.

Application:

General: Shirt, uniform & coat classifications should be soured to pH 4.5 to 5.0. Cotton flatwork classifications should be soured to pH 5.5 to 6.0. Articles treated with wrinkle-resistant finishes should be soured to pH 6.5. Optimum temperature range is 38-45o C, and the optimum running time is 7 to 10 minutes.

- Starching solution should be dropped to a 2 to 3-inch level in wash-wheel.
- Add pre-determined quantity of starch.
- Starch operations should be run for 7 to 10 minutes. Do not exceed 45o C.
- Starch solution should be drained when wash wheel is in motion.

To obtain medium starching in wash wheel, use the following quantities for each 45 kg of clean, dry, fabric weight as a guide.

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Classification: **Dry Weight per 45kg load:**

Shirts:	300 grams
Uniforms & Coats:	120-150 grams
Polyester/Cotton:	up to 720 grams

NOTE: the above weights are expressed in actual dry grams. A coffee cup is typically 250 grams approx.

First-time users:

An initial trial load is suggested. Adjust amounts & time to achieve desired finish.

Solutions, Chemistry, Service

SHELF LIFE: As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 24 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material. **Page 2 of 2**



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