



FILMKOTE™ 2030 modified starch 70000576

FILMKOTE™ 2030 modified starch is a fluidity modified, hydrophobic surface/dry end starch used in conventional size press, metering film application, or coating operations, where excellent film formation, and surface strength are desired. Because of the effective film-forming properties, this product is a cost-effective tool for developing oil and grease resistance in paper and board products. Porosity reduction can be obtained using FILMKOTE™ 2030.

Chemical and Physical Properties

	Min.	Max.
Moisture, %	9.0	13.0
pH (20% w/w slurry)	6.0	7.5

Physical Appearance

	Typical
Color	White
Form	Powder
Bulk Density (lbs./ft ³)	29-35

Viscosity (9.0% Solids)*

	125°F	150°F
Brookfield, cps **	30	23
Hercules, cps ***	7.5	5.6

* Viscosities are dependent on type of cooker used

** Brookfield run @ 20 rpm, (RVTDV-II)

*** Hercules run @ 4400 rpm, w/E bob

Preparation

Must be cooked to be effective.

Batch Cooking:

Solids - 23% maximum

Temperature – 200-205°F (~30 minutes)

Jet Cooking:

Solids – 28% maximum in cooking chamber

Temperature – 260-280°F (280°F optimum)

Certification

Kosher pareve

Packaging and Storage

FILMKOTE™ 2030 modified starch is packaged in bulk bags and bulk. FILMKOTE™ 2030 modified starch should be stored in a clean, dry area at ambient temperature and away from heavily aromatic material.

Shelf Life

The best before date for FILMKOTE™ 2030 modified starch is 2 years from the date of manufacture.

Regulatory Data

United States

FILMKOTE™ 2030 modified starch is approved for use under FDA 21 CFR 178.3520.

Labeling Industrial Starch Modified

Canada

Labeling Industrial Starch Modified

Effective Date: August 25, 2022

Next Review Date: August 25, 2025

The information described above is offered solely for your consideration, investigation, and independent verification. It is up to you to decide whether and how to use this information. Ingredion Incorporated and the Ingredion group of companies make no warranty about the accuracy or completeness of the information contained above or the suitability of any of their products for your specific intended use. Furthermore, all express or implied warranties of noninfringement, merchantability, or fitness for a particular purpose are hereby disclaimed. Ingredion Incorporated and the Ingredion group of companies assume no responsibility for any liability or damages arising out of or relating to any of the foregoing.

5 Westbrook Corporate Ctr.
Westchester, Illinois 60154
U.S.A.
708.551.2600

1600 – 90 Burnhamthorpe Rd., West
Mississauga, Ontario L5B 0H9
Canada
905.281.7950

www.ingredion.us

The INGREDION mark and logo are trademarks of the Ingredion group of companies. All rights reserved. All contents copyright © 2022.