

## PERFORMANCE FEATURES

- Stand-alone oil & water barrier
- Fluoro, Chromium & Styrene Free
- Recyclable and Repulpable
- Excellent release properties
- Printable
- 30-Minute Cobb value of 15 or less
- Surface Tension >42 dynes
- Slide Angle of 28 or greater
- Easy to run on flexographic press
- FDA/BfR compliant for food contact
- Made from recycled plastics & renewable resources

## Product Description

*Ulterion<sup>®</sup> 560 FLEX* is a low viscosity, low foaming coating developed for oil resistance & water resistance. It has applications in moisture barrier coatings, cold release coatings, food packaging coatings, and others where water & oil holdout is a requirement and process-curing conditions are minimal. *Ulterion<sup>®</sup> 560 FLEX* provides great film formation to allow for maximum OGR. Its high surface tension allows it to be used as a base coat and coated over with a functional top coating as long as minimal cure is applied before secondary coating. This double bumped system can be used for optimizing OGR, water holdout, and release properties.

## Typical Properties

Solids, %	39
pH	8.0
Appearance	White Emulsion
Viscosity, cPs	100
Origin	USA

## FDA Status

*Ulterion<sup>®</sup> 560 FLEX* may be used with all foods under all may be used with all foods under all temperature conditions of use, and that such use may be properly said to comply fully with the Federal Food, Drug, and Cosmetic Act and all applicable food additive regulations, including 21 C.F.R. § 176.170 and 21 C.F.R. § 176.180. The finished paper and paperboards are subject to the extraction limitations set out in Section 176.170(c) of the food additive regulations.

## MARKET USES

- Sustainable container board packaging
  - Frozen Meats
  - Produce
  - Cooler Boxes
- Sustainable folding carton
  - Deli Boxes
  - Fast Food
  - Frozen Foods
- Sustainable grease proof papers

## Application Methods

The viscosity of the *Ulterion<sup>®</sup> 560 FLEX* makes it particularly suitable for size press and gravure applications where adequate heating is post application. *Ulterion<sup>®</sup> 560 FLEX* works well under low cure temperatures that range from 190°F to 225°F. Multiple coating layers will improve barrier performance. *Ulterion<sup>®</sup> 560 FLEX* can be formulated with various extenders or thickeners, such as PVOH, kaolin, etc, to maximize film formation for barrier properties. If a desired viscosity other than as supplied, please contact your Jain Chem representative for formulation suggestions.

## Handling / Storage Stability

The *Ulterion<sup>®</sup> 560 FLEX* is a made to order product, which should be kept in cool, dry conditions. Ideal storage temperatures are 40°F to 75°F. Temperatures above 90°F will decrease the shelf life considerably. Optimal storage conditions will yield a shelf life of 120 days from the date of manufacture.

## Product Safety

When considering the use of *Ulterion<sup>®</sup>* brand products, please refer to the latest Safety Data Sheets (SDS). If a SDS for this product is required, please contact your **Jain Chem Representative**.