

Performance Features

- Stand-alone water resistance barrier
- Recyclable and Repulpable
- Acts as hold out mechanism for water based coatings
- Easy to print or glue with water based adhesives
- Makes wet strength treated papers more repulpable
- Improves tensile, tear, mullen, ECT & flat compression in some paper grades
- FDA approve for food contact



MARKET USES

- Sustainable container board packaging
 - Frozen Meats
 - Produce
 - Cooler Boxes
 - Medium and Linerboard
- Sustainable folding carton
 - Deli Boxes
 - Fast Food
- Flexible paper
 - Water resistant coated bags
 - Butcher wrap
 - Seedling & potted plant liners

Product Description

Ulterion® 2100 WT is a water-based resin developed to make paper non-wicking and water resistant. The product also improves paper strength parameters. **Ulterion® 2100 WT** is formulated for application at the wet end of the paper machine. The paper made with this product is completely repulpable.

Typical Properties

Appearance	Milky Amber
Solids, %	30
pH	7.0 - 7.5
Viscosity, cPs	20 - 50
Density	1.06
Origin	USA

Handling & Storage/Stability

The **Ulterion® 2100 WT** is a made to order product, which should be kept in cool, dry conditions ideally 60°F to 70°F. Storage 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.

Application Methods

Typical wet end applications use 30 – 50 wet pounds per ton. Coating with an Ulterion coating system after treatment with **Ulterion® 2100 WT**, will produce paper with good water repellency, moisture barrier and strength properties. **Ulterion® 2100 WT** must be used in conjunction with a cationic promoter. PAC type of products are used, 0.5 parts to 1 part **Ulterion® 2100 WT**. A poly-DADMAC is a second choice. Polyamines do not appear to work well.

FDA Status

Ulterion® 2100 WT complies 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, subject to the extractive limitations set out in Section 176.170(c). and may be used as intended in contact with all foods, with the exception of foods or beverages containing alcohol, under all temperature conditions.

Product Safety

When considering the use of **Ulterion®** 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**.

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