

### PERFORMANCE FEATURES

- Reduces linting
- Improves film formation
- Acts as adhesion promoter for most surface coatings and printing solutions
- Improved gloss
- Improved dry strength
- Minimizes curl
- Improved smoothness



### MARKET USES

- Sustainable Paper & Paperboard sizing

### Product Description

**Ulterion® 5055 MP** is a modified polymer designed as a film former for use at the size press and calendar stack, or used as a binder in coating applications. **Ulterion® 5055 MP** exhibits excellent viscosity stability in all applications. It is not affected due to the physical stress of high-pressure sizing. Rheological properties are excellent for sizing under conventional or high-pressure systems. These properties result in improved machine runnability and higher quality paper and paperboard. **Ulterion® 5055 MP** is completely compatible with all commonly used additives in size press, and coating applications.

### Typical Properties

% Moisture	< 10.0
pH @ 10%, Value	7.8 – 8.5
Appearance	Free Flowing, White powder
Viscosity @ 10%, 85°C (RV1/20), cps	10 - 100
Origin	USA

### FDA Status

**Ulterion® 5055 MP** is composed of ingredients, which are in compliance with FDA for direct and indirect food contact. (21CFR 176.170, and 21CFR 176,180)

*The information contained herein is thought to be accurate in all aspects; however, the applications for these products mentioned are presented without guarantee or responsibility as to the suitability of our products whether used singly or in combination with other products. Nothing herein is to be taken as a license to operate under or as a recommendation to infringe any patents. The products are sold without warranty, expressed or implied, and are purchased at buyer's risk.*

### Application Methods

**Ulterion® 5055 MP** is easily dispersed either through batch or jet cooking. It can be jet cooked at temperatures between 132°C - 154°C at solids level of 15% or higher. It may also be batch cooked at temperatures above 95°C, and hold at least 15 minutes at solids levels up to 20%. See Cooking Preparation Procedures.

### Handling / Storage Stability

**Ulterion® 5055 MP** should be stored in a cool, dry area for maximum shelf life.

### 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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