

# Michem® Flex B3510I

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**BRAND FAMILY OVERVIEW** Michem® Flex is a range of functional, sustainable water-based technologies optimized for flexible packaging.

**USAGE** A transparent, high oxygen barrier, water-based coating designed primarily for polymer materials that can also be combined with metallization processes as a protective oxygen barrier coating. Michem® Flex Barrier 3510I has a UV indicator added for better visibility of coating during application when used with a black light.

**DESCRIPTION** Transparent oxygen barrier coating for flexible packaging

**PHYSICAL PROPERTIES** The following properties are typical but should not be considered specifications:

|                              |   |
|------------------------------|---|
| Appearance:                  | Clear yellowish to brownish, cloudy   |
| Solids Type:                 | Proprietary   |
| Freeze/Thaw Stability:       | None: protect from freezing   |
| Non-Volatile (%) :           | 9.5 - 10.5  |
| Specific Gravity:            | 0.99 - 1.01   |
| pH:                          | 3.0 - 6.0   |
| Brookfield Viscosity (cps) : | 0 - 100   |
| Spindle Number:              | 1   |
| RPM:                         | 60  |
| Shelf Life (months) :        | The product has a shelf life of 12 months from date of manufacture when storage and handling instructions are followed. |

**SITE OF MANUFACTURE** USA (MFB3510I)  
**(and PRODUCT CODE)**

**APPLICATION DATA** Michem® Flex B3510I is designed to be applied to polymer materials using gravure or flexographic coating processes. Suggested coat weight is 0.3 dry gsm. At the recommended coating weight, the dried coating is transparent, non-blocking and contributes to oxygen barrier properties of polymer materials. It should be undiluted and dried thoroughly after application. A black light can be used to see the coating during application to confirm uniformity of the coating onto the substrate.

**STORAGE** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

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**HANDLING** Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

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The following information for this product, specific to each site of manufacture, is available upon request:

- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
- Food Contact Declaration of Compliance (if applicable)

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