

# Michem® Flex B7010

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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 offline applications of polymer materials. It is more durable and can withstand fracturing and pinholes compared to traditional barrier coatings. It can also be combined with metallization processes as a protective oxygen barrier coating.

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

<b>PHYSICAL PROPERTIES</b>	The following properties are typical but should not be considered specifications:
Appearance:	Clear, yellow to brown liquid
Solids Type:	Polyethylenimine
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** Singapore (MFB7010.S)  
(and PRODUCT CODE)

**APPLICATION DATA** Michem® Flex B7010 is designed to be applied offline 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 used undiluted and dried thoroughly after application. This product was specifically designed for and is available only in Asia.

**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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