

Michem® Flex B3510

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. 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 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 (and PRODUCT CODE) USA (MFB3510), Belgium (MFB3510.E), Singapore (MFB3510.S)

APPLICATION DATA Michem® Flex B3510 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 used undiluted and dried thoroughly after application.

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

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HANDLING Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. If this product contains synthetic polymer microparticles, ensure that the product is not released to the environment. If applicable, the product should be mixed in closed containers to prevent a release of synthetic polymer microparticles into the environment. 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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