

# Michem® Flex Barrier 3510

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**USAGE** A transparent high oxygen barrier water-based coating designed primarily for polyolefin 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
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 Barrier 3510 is designed to be applied to polyolefin 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 polyolefin 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.

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

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Revised 05 December 2017

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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