

# Michem® Flex P2300

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

**USAGE** A water-based general purpose primer designed for a variety of substrates used in multiple applications including extrusion lamination, extrusion coating, and applying other functional coatings such as PVDC, acrylics, etc. It offers excellent adhesion bond strength for dry and low moisture applications such as snack foods, confectionery, and other dry goods.

**DESCRIPTION** Water-based primer for extrusion coating

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

Appearance:	Clear liquid
Solids Type:	Proprietary
Freeze/Thaw Stability:	Stable after 5 Cycles
Non-Volatile (%) :	4.5 - 5.5
EZ Cup Viscosity (sec) :	16 - 18
Cup Number:	2
Specific Gravity:	0.99 - 1.01
pH:	9.5 - 11.5
Brookfield Viscosity (cps) :	< 50
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 (MFP2300), Belgium (MFP2300.E), Singapore (MFP2300.S)

**APPLICATION DATA** Michem® Flex P2300 may be applied via flexo, gravure or smooth roll coater. Dilute 1:1 with water prior to use. Corona or flame treat substrates prior to priming and dry thoroughly with hot, circulating air. This product is best for in-line processes. Recommended application weight for film substrates is 0.025 - 0.075 dry g/m<sup>2</sup> (0.5-1.5 wet g/m<sup>2</sup>). EZ Cup Viscosity - #2 Cup, 16-18 sec.

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

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**HANDLING** Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. 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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