

# Michem® Flex P2300

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**USAGE** Primer for film, metalized film, printed film, and paper substrates promoting excellent adhesion to extrusion coated resins resulting in high bond strength for dry and low moisture contents. It creates very strong adhesion between treated film and PE extrudate. It may also be used on film substrates to promote adhesion to liquid top coats such as Michelman heat seal coatings and acrylic coatings.

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

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

Appearance:	Clear liquid
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.

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**SITE OF MANUFACTURE** USA (MFP2300), Belgium (MFP2300.E), Singapore (MFP2300.S)  
**(and PRODUCT CODE)**

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**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.

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

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**HANDLING** 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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