

# Michem® Flex P1852

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

**USAGE** Promotes superior adhesion to extrusion coated resins for film, metal and paper substrates. This product exhibits weatherability, water and chemical resistance to many aggressive package contents such as water, oils, flavors and fragrances. This product is also suitable for resins extruded at low temperatures.

**DESCRIPTION** Water based primer for liquids and extrusion coated resins.

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

|                              |   |
|------------------------------|---|
| Appearance:                  | White liquid  |
| Solids Type:                 | Proprietary   |
| Freeze/Thaw Stability:       | None: protect from freezing   |
| Non-Volatile (%) :           | 32.0 - 34.0   |
| EZ Cup Viscosity (sec) :     | 23 - 25   |
| Cup Number:                  | 2   |
| Specific Gravity:            | 1.01 - 1.03   |
| pH:                          | 7.7 - 8.7   |
| Brookfield Viscosity (cps) : | 0 - 200   |
| Spindle Number:              | 2   |
| RPM:                         | 60  |
| Shelf Life (months) :        | The product has a shelf life of 24 months from date of manufacture when storage and handling instructions are followed. |

**SITE OF MANUFACTURE (and PRODUCT CODE)** USA (MFP1852), Singapore (MFP1852.S)

**APPLICATION DATA** Michem®Flex P1852 may be applied via flexo, gravure or smooth roll coater. Corona or flame treat substrates prior to priming and dry thoroughly with hot, circulating air. This product is best for in-line processes, as it may block in rewind rolls. Recommended application weight for film substrates is between 0.1 - 1.0 dry g/m<sup>2</sup>. EZ Cup Viscosity - #2 Cup, 23 - 25 sec. This product is available in the Americas. Michem® Flex P1855 is the equivalent product for Europe and Asia.

**STORAGE** Keep container tightly closed. 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. 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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