

# Michem® Flex P1855

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

**USAGE** A primer for film, metal, and paper substrates to promote superior adhesion to extrusion coated resins. This product exhibits weatherability, and water and chemical resistance to many aggressive package contents such as water, oil, 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:                  | blueish liquid  |
| Solids Type:                 | Formulated Polymer  |
| Freeze/Thaw Stability:       | Stable  |
| Non-Volatile (%) :           | 32.0 - 34.0   |
| Specific Gravity:            | 0.99 - 1.01   |
| pH:                          | 7.7 - 8.7   |
| Brookfield Viscosity (cps) : | < 200   |
| Spindle Number:              | 2   |
| 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)** Belgium (MFP1855.E), Singapore (MFP1855.S)

**APPLICATION DATA** Michem® Flex P1855 may be applied via flexo , gravure or smooth roll coater . Corona or flame treated 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/m2. This product is available in Europe and Asia. Michem Flex P1852 is the equivalent product for the Americas.

**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.

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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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