

Michem® Flex P1853R

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

USAGE A water-based 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 is designed for high-abuse applications including liquids and chemicals by providing exceptionally high bond strength with excellent chemical and water resistance. Michem® Flex P1853R is approved for direct food contact and can be utilized as a heat seal coating adhering to a variety of materials such as film, paper, and metal.

DESCRIPTION Water-based primer and heat seal coating for extrusion coated resins and treated film substrates

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

Appearance:	White, translucent liquid
Solids Type:	Copolymer
Freeze/Thaw Stability:	TBD
Non-Volatile (%) :	28.0 - 30.0
EZ Cup Viscosity (sec) :	24 - 26
Cup Number:	2
Specific Gravity:	0.99 - 1.01
pH:	7.5 - 9.0
Brookfield Viscosity (cps) :	0 - 100
Spindle Number:	1
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 (MFP1853R), Belgium (MFP1853R.E), Singapore (MFP1853R.S)

APPLICATION DATA Michem® Flex P1853R may be applied via flexo, gravure or smooth roll coater. Dry thoroughly with hot, circulating air. May be used for in-line or off-line processes. Recommended application weight for film substrates is between 0.1 - 1.0 dry g/m². EZ Cup Viscosity - #2 cup = 24.5-26.5 sec.

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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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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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