

Maxflex M-EC-BA1 Series

Product Description

M-EC-BA1 series is a single layer copolyester sheet designed for aesthetics orthodontic and dental appliances. It has exceptional durability, and stain resistance with A1 tooth color.

M-EC-BA1 series is available with the following forms and dimensions:

- Sheet Ø: 125 mm/120 mm
- Thickness of roll/sheet: 1.0 mm/0.76 mm/0.50 mm

Key Attributes

- Excellent durability
- Excellent stain resistance
- Excellent crack resistance
- Not easy to absorb moisture, easy to cut and polish
- Protective film is optional

Physical Properties

Property	Test Method	Typical Value*
Tensile modulus (MPa)	YY/T 1819-2022	1510
Yield stress (MPa)	YY/T 1819-2022	38.5
Yield strain (%)	YY/T 1819-2022	6.2
Angle tear strength (KN/m)	YY/T 1819-2022	165
Flexural modulus (MPa)	ASTM D790	1750

* Values are based on sheet products. Unless noted otherwise, properties reported here are typical of average lots.

Packaging

M-EC-BA1 series rolls and sheets are packed in sealed aluminum bag. For more information about this product series, please contact our sales representative.