

CDS - 8111

EMA Film with Taffeta Finish

General Information

- Ethylene methyl acrylate (EMA) resin film with 21.5% methyl acrylate
- Finish: Taffeta/Matte
- Soft, elastic, durable. Used in applications such as upholstery films, disposable gloves, and hospital drapes

Physical Properties

Color	Opaque White		
Specific Gravity	0.943	g/cm ³	ASTM - D1505
Gloss (60°) (Matte/Taffeta)	10.6/14.3	GU	ASTM - D2457
Transmittance	50	%	ASTM - E972

Mechanical Properties

Tensile Elongation at Break (MD/TD)	280/635	%	ASTM - D882
Tensile Strength at Break (MD/TD)	2825/2525	psi	ASTM - D882

Thermal Properties

Vicat Softening Temperature	51	°C	ASTM - D1525
Melt Mass-Flow Rate (MFR) (190° C/2.16kg)	2.0	g/10 min	ASTM - D1238
Glass Transition Temperature	79	°C	ASTM - E1356
Peak Crystallization Temperature	59	°C	ASTM - D3418

Shelf Life

2 years from date of manufacture

Technical Information Notes

Taffeta finish increases the original film thickness by almost 2 mil thickness. Data are representative of 2.0 mil film with taffeta finish.

Film was not designed to be used in medical applications

Original Issue Date- 4/17/2020

Approval Date- 4/17/2020

Revision- A

Listed Values:

The above values are typical property values not to be construed as specification limits.

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