

CDS - 8109

2 mil EMA with Taffeta Finish on Low Tack Paper Carrier

General Information

- EMA copolymer resin film with 21.5% methyl acrylate
- Finish: Taffeta/Matte
- Low-tack paper carrier with no adhesive transfer laminated to matte finish side

Physical Properties

Thickness (Taffeta Finish)	3.7 +/- 0.3	mil	PTM - QA- 005
Thickness (Matte Finish)	2.0 +/- 0.3	mil	PTM - QA- 005
Specific Gravity	0.943	g/cm ³	ASTM - D1505
Gloss (60°) (Matte/Taffeta)	10.6/14.3	GU	ASTM - D2457
Transmittance (Film)	50	%	ASTM E792

Mechanical Properties

Tensile Elongation at Break (MD/TD)	280/635	%	ASTM - D882
Tensile Strength at Break (MD/TD)	2825/2525	psi	ASTM - D882
Peel from Film	15	g/in	ASTM - D3330 Method A

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
Melting Temperature	79	°C	ASTM - E1356
Peak Crystallization Temperature	59	°C	ASTM - D3418

Shelf Life

1 year from date of manufacture

Technical Information Notes

Taffeta finish increases the original film thickness by almost 2 mil thickness. Original film thickness with matte finish is 2.0 +/- 0.3 mil.

Original Issue Date- 4/13/2020

Approval Date- 5/28/2020

Revision- A

Listed Values:

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

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