



ENGLISH

Datasheet

Polyester Film - Mylar A

RS Stock number 785-0782



Description

Transparent/translucent general purpose film.

Service

General purpose material with an excellent resistance to moisture and most chemicals used for a broad range of industrial applications.

Physical Properties

Mylar A film has balanced tensile properties. It can withstand temperatures extremes from -70 Deg C – 150 Deg C. The film does not become brittle with age, under normal conditions, because it contains no plasticizers.



Typical Values for Major Properties

*MD = Machine Direction, TD = Transverse Direction

<i>Nominal Thickness Microns / (Gauge)</i>	<i>Tensile Strength MD / TD* Kg/mm² (kpsi)</i>	<i>Elongation MD / TD* # %</i>	<i>Dimensional Stability MD / TD* % Shrinkage</i>	<i>Haze (opacity) %</i>
12 (48)	18/22 (26/32)	110/70	2.0/1.0	4
19 (75)	20/24 (28/34)	110/90	2.0/1.1	15
23 (92)	20/24 (28/34)	110/90	1.9/1.1	16
36 (142)	20/24 (28/34)	125/100	1.5/1.0	18
50 (200)	20/23 (28/33)	135/110	1.3/0.8	24
75 (300)	19/22 (27/31)	135/110	1.2/0.8	29
100 (400)	18/21 (26/30)	140/115	1.1/0.7	37
125 (500)	19/21 (27/30)	140/115	1.1/0.7	43
188 (750)	19/21 (27/30)	140/115	1.6/0.9	(38)
225 (900)	19/20 (27/29)	150/130	1.6/1.1	(41)
250 (1,000)	19/20 (27/29)	150/140	1.5/1.1	(42)
350 (1,400)	18/17 (26/25)	170/170	1.3/0.8	(46)