DuPont Teijin Films™

MYLAR® RSX951

Product Description

MYLAR® RSX951 is a silicone coated polyester film designed for use as a release liner in various casting applications. The silicone release coating is applied to the film during the film production process, providing excellent adhesion of the coating to the polyester film for improved liner performance.

General Product Info

MYLAR® RSX951 has balanced tensile properties and good dimensional stability. Release values typically range between 15 and 25 grams per inch when tested with aggressive pressure-sensitive adhesives. It is recommended that the liner be tested in each application to verify the absolute value of the release strength.

Typical Properties

Available Thickness [Gauge]
92; 105; 120; 140; 175; 200

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	92	5.9	%	ASTM D1003
Haze	105	6.3	%	ASTM D1003
Haze	120	6.7	%	ASTM D1003
Haze	140	7.1	%	ASTM D1003
Haze	175	7.5	%	ASTM D1003
Haze	200	9.8	%	ASTM D1003
PHYSICAL				
Elongation at Break MD	92, 105	130	%	ASTM D882A
Elongation at Break MD	120	140	%	ASTM D882A
Elongation at Break MD	140, 175	150	%	ASTM D882A
Elongation at Break MD	200	150	%	ASTM D882A
Elongation at Break TD	92, 105	105	%	ASTM D882A
Elongation at Break TD	120	110	%	ASTM D882A
Elongation at Break TD	140, 175	115	%	ASTM D882A
Elongation at Break TD	200	110	%	ASTM D882A
Peel Strength	All	22	g/25 mm	Using Tesa 7475 Tape
Tensile Strength MD	All	28.0	kpsi	ASTM D882A
Tensile Strength TD	All	34.0	kpsi	ASTM D882A
THERMAL				
Shrinkage MD (150°C)	92 - 200	2.3	%	Unrestrained @ 150°C/30 min
Shrinkage TD (150°C)	92 - 200	0.5	%	Unrestrained @ 150°C/30 min

Contact Info

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Disclaimer

Note: These values are typical performance data for DuPont Teijin Films' polyester film; they are not intended to be used as design data. We believe this information is the best currently available on the subject. It is offered as a possible helpful suggestion in experimentation you may care to undertake along these lines. It is subject to revision as additional knowledge and experience is gained. DuPont Teijin Films makes no guarantee of results and assumes no obligation or liability whatsoever in connection with this information. This publication is not a license to operate under, or intended to suggest infringement of, any existing patents.

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