



MONOLYN

MQ36

Technical Data Sheet

M & Q Packaging
 1 Earl Street
 PO Box 180
 Schuylkill Haven, PA 17972

Product Description

Monolyn MQ36 is a transparent packaging film for use in the meat and food markets.

- * MQ36 provides oil and grease resistance
- * Monolyn is an excellent odor barrier with no flavor scalping
- * Monolyn comes in custom colors clear, blue, white, red, etc.
- * Monolyn MQ36 is available in custom thicknesses from .75mil to 3.0mil. One mil increments are standard.

Properties	Values	Test Method
<i>General:</i>		
Tested at .9mil thickness	.90	
Area Yield (sq. in./lb)	27,240	ASTM D1003
Haze, %	10.4 – 12.6	ASTM D2457
Gloss, 20 Degree	51.3 – 61.8	
<i>Mechanical:</i>		
Tensile Strength (psi)	15,400 – 19,000	ASTM D882
Elongation, %	315 - 400	ASTM D882
Tear, Graves (grams/mil)	470 - 540	ASTM D1004
Puncture Strength (grams)	340 - 470	ASTM F1306 (1.2mm dia. probe @ 1 in/min)
<i>Coefficient of Friction:</i>		
Film-Film, Side A-B Kinetic	.20 - .45	ASTM D1894
Film-Metal Kinetic	.30 - .45	
<i>Permeability:</i>		
Oxygen Transmission Rate		(cc/100 sq. in/day)
0 % R.H., 73 deg F	2.80	ASTM D3985
50% R.H., 73 deg F	1.90	ASTM F1927
90% R.H., 73 deg F	4.40	ASTM F1927
100% R.H., 73 deg F	11.5	ASTM F1927
Water Vapor Transmission Rate		(grams/100 ² in. /day)
100% R.H., 100 deg F	32.0	ASTM F1249

FDA Statement

Monolyn MQ36 is manufactured from resins that meet all the requirements of the Food and Drug Administration regulations 21 CFR 177.1500 (a) (1)(6), (b)(1)(6.1) and 21 CFR 178.2010 to produce articles intended for use in the processing, handling and packaging of food products.

Notice: The values presented in this data sheet are typical values based on the thickness of the film and should not to be interpreted as product specifications. The statements, information and data given are believed to be accurate and reliable, but are presented without guarantee, warranty or responsibility of any kind, expressed or implied. Since the actual conditions of use and the specific uses of our products are beyond our control, all risks of such use are assumed by the user. The use of this product should be tested fully by the user in the specific application to determine fitness for use.