



MONOLYN

MQ65

Technical Data Sheet

Product Description

MQ65 is a unique high temperature cooking bag film that is designed for use in conventional and convection ovens. MQ65 is tough, durable and can be heat sealed. MQ65 will typically stretch before it breaks, making it a select material for packing, freezing, transporting ready to cook meat. MQ65 will not stick to meat protein and facilitates “browning-in-the-bag.” MQ65 is available as bottom sealed bags, clipped pieces and shirred casings and in thickness from 1.00 mils to 3.00 mils.

Properties	Values	Test Method
Melt Point	414° F	ASTM D2117
Tensile Modulus	375MPa	ISO 527
Tensile Stress:		
5 % Elongation	20.2 MPa	ISO 527
10% Elongation	23.0 MPa	ISO 527
50% Elongation	22.0 MPa	ISO 527
Tensile Strength	40.0MPa	ISO 527
Elongation at Break	600%	ISO 527
Izod Impact Strength:		
Unnotched at 73%	No Break	ISO 180/1C
Unnotched at -22%	No Break	ISO 180/1C
Unnotched at 73°F	No Break	ISO 180/1A
Unnotched at -22°F	4kg/m ²	ISO 180/1A
<i>Permeability:</i>		
Oxygen Transmission Rate 1.5 mil 100% R.H., 73 deg F	88.6	ASTM F1927

FDA Statement

MQ65 is manufactured from resins that meet all the requirements of the Food and Drug Administration regulations 21 CFR 178.2010 and 21 CFR 177.2600 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.