



MQ120

*M & Q Packaging
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Technical Data Sheet

Product Description

MQ120 is a multi-layer polyester bag material having a lower carbon footprint due to bio-based components. The bio-based polyester component is produced from non-food and non-GMO plant based material. Film / bag attributes are low gas transmission rates, low meat adhesion, along with tear resistance, toughness and seal ability. MQ120 is suitable for a variety of applications in the same manner as Pansaver liners and meat cooking bags. MQ120 can be safely used in temperatures up to and including 400°F. It is available in a variety of sizes and seal configurations, for instance; bottom seal, gusseted or clipped bag.

Properties	Values		Test Methods
General:			
Thickness (mil)	.90		ASTM D5947
Area Yield (sq. in./lb.)	23,457		
Mechanical:			
	MD	TD	
Tensile Break Strength (psi)	11102	9570	ASTM D882
Elongation, %	540	535	ASTM D882
Tear Graves (grams/mil)	651	649	ASTM D882
Permeability:			
Water Vapor Transmission Rate (grams/100 sq.in./day)			
23° C, 100% RH .9 mil	1.39		ASTM F1249
23° C, 100% RH 2.25 mil	.913		
Oxygen Transmission Rate (cc/100 sq. in./day)			
100% RH., 23° C .9 mil	11.75		ASTM D3985
100% RH., 23° C 2.25 mil	8.775		

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.