



MQ841 / MQ851

Technical Data Sheet

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

MQ841 and MQ851 are low temperature cooking bags. MQ841(Blue) test properties and values are the same as MQ851.

Nominal blown film properties at 1 mil.

Properties	Values - English	Values - SI	Test Method
Thickness	1mil		ASTM D5947
Fisher Jones Melt Point	235°F		ASTM D2117
COF	0.25	0.25	ASTM D1894
Dart	-	50g/mil	ASTM D1709
Elmendorf Tear MD	-	16 g/mil	ASTM D 1922
Elmendorf Tear TD	-	1600 g/mil	ASTM D 1922
Tensile Strength at Break MD	7900 psi	54 MPa	ASTM D822
Tensile Strength at Break TD	5600 psi	49 MPa	ASTM D822
Tensile Strength Elongation at Break MD	310%	310%	ASTM D822
Tensile Strength Elongation at Break TD	840%	840%	ASTM D822
% Secant Modulus MD	88000 psi	607 MPa	ASTM D822
% Secant Modulus TD	121000 psi	834 MPa	ASTM D822
Water Vapor Transmission 23 ⁰ C 85%RH	0.82 g/100in ² /day	12.7g/m ² /day	ASTM F1249
O ₂ Gas Transmission in vacuum 23 ⁰ C 65%RH	390 cm ³ /100in ² /day	6000 cm ³ /m ² /day	ASTM D3985

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.