January 12, 2023

MQ120 Declaration of Compliance for Food Contact Materials

We confirm that for the production of our film MQ120, the following statements apply:

1. **Material description:**
   The film /cooking bags, designated as MQ120, is a coextrusion of polyester.

2. **Intended food contact:**
   The film / cooking bag is designated to be used within an oven to bake meat, e.g. chicken, at a 205°C for approximately 1 hour. Type of food: fatty.

   The film used to produce MQ120 is manufactured from resins that meet all the requirements of the Food and Drug Administration 21 CFR 177.1590, 21 CFR 177.2600, 21 CFR 178.2010, 21 CFR 170.30 and 21 CFR 174.5 to produce articles intended for use in the processing, handling, and packaging of food products.

3. **Legal Compliance:**
   Europe

   M&Q Packaging LLC uses only monomers and starting substances listed in the Union list Annex I of Commission Regulation (EU) No. 10/2011 (as amended to date). We also confirm the film complies with the migration and other requirements of Commission Regulation EU No. 10/2011.

   In the manufacture of the MQ120 film, only additives that are included in the Union list Annex I of Commission Regulation (EU) No. 10/2011 are used.

   The MQ120 film also complies with EU regulations no. 1935/2004, no. 1895/2005 and its amendments and national ordinance no. 02/23.01.2008 and its amendments for plastics intended for direct and indirect contact with food, and EC Commission Regulation 2023/2006 for Good Manufacturing Practices. See food symbol below:

This product complies with EU regulations no. 10/2011, no. 1935/2004, no. 1895/2005 and its amendments and national ordinance no. 02/23.01.2008 and its amendments for plastics intended for direct and indirect contact with food.

a. Overall migration:

Overall migration according to Commission Regulation EU No. 10/2011 relating to plastic materials and articles intended to come in contact food. Results:

Monomers / additives having a restriction

Method Replicates	EN 1186-3 **Migration into 3% acetic acid** Contact area: 1 dm² Volume simulant: 100ml (mg/dm²)	EN 1186-3 **Migration into 10% ethanol** Contact area: 1 dm² Volume simulant: 100ml (mg/dm²)	EN 1186-13 **Migration into MPPO** Contact area: 1 dm² Amount of simulant: 4 gms (mg/dm²)	EN 1186-4 **Migration into olive oil** Contact area: 0.95 dm² Volume simulant: 100ml (mg/dm²)
1	1.7	0.9	0.5	4.7
2	0.6	0.9	0.6	1.0
3	< 0.5	0.9	0.6	0.9
4	-	-	-	1.1
Mean result	0.9	0.9	0.6	1.9

Overall migration limit is 10 mg/dm².

b. Specific Migration

Specific migration testing according to the Commission Regulation EU 10/2011:

Monomers / additives having a restriction

The results are expressed in mg/kg foodstuffs and/or mg/6 dm² contact area. Test method EN 13130-1.

Components	SML* (mg/kg)	Simulant: **3% acetic acid 4 hrs at reflux** Volume limit: 100ml	Simulant: **10% ethanol 4 hrs at reflux** Volume limit: 100ml	Simulant: **olive oil @ 100°C, 2 hours** Volume limit: 100ml	Simulant: **MPPO @ 175°C, 2 hours** Volume limit: 4 gms
Component X	5	< 3 < 3 < 3	< 3 < 3 < 3	< 3 < 3 < 3	*Exclusion for specific migration based on the overall migration results.*
Ethylene glycol	(T) 30	*Exclusion for specific migration based on the overall migration results.*			
Antimony trioxide	0.04 (expressed as antimony)	0.014 0.018 0.022	< 0.01 < 0.01 < 0.01	< 0.01 < 0.01 < 0.01	< 0.01 < 0.01 < 0.01
Cobalt	0.05	< 0.01 < 0.01 < 0.01	< 0.01 < 0.01 < 0.01	< 0.01 < 0.01 < 0.01	< 0.01 < 0.01 < 0.01
Manganese	0.6	< 0.01 < 0.01 < 0.01	< 0.01 < 0.01 < 0.01	< 0.01 < 0.01 < 0.01	< 0.01 < 0.01 < 0.01

M&Q PACKAGING LLC

* Specific migration limit

Please feel free to contact me with any questions.

Regards,

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