

Declaration of Compliance



Introduction

<i>Product</i>	Ultranyl FG process and conveyor belts
<i>Material</i>	TPU Ultranyl 85 FG
<i>Intended food contact</i>	All foodstuffs



Legal compliance

The framework Regulation (EC) 1935/2004 Food Contact of the European Parliament lays down regulations on materials and articles intended to come into contact with food. Belonging Regulation (EU) 10/2011 is a specific measure within the meaning of Article 5 of Regulation (EC) 1935/2004 and establishes specific requirements for the manufacture and marketing of plastic materials intended to come into contact with food. Regulation (EU) 10/2011 is also applicable to printing inks, adhesives or coatings, but does not apply to rubber and silicones.

The framework Regulation (EC) 1935/2004 replaces the former framework Directives 89/109/EEC and 80/590/EEC. The specific Regulation (EU) 10/2011 replaces the former specific Directive 2002/72/EC (with amendments).

The EU legislation for food contact materials is based on positive lists of the substances and maximum limits of migration to food. Only positive list substances may be used for manufacturing of food contact plastics. Products have been manufactured in accordance with the relevant requirements of Regulation (EC) 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food as amended.

Objective

- a) Determination of global migration into food simulants.
- b) Determination of specific migrations of primary aromatic amines into food simulants.

Based on migration, migration limits are according to Regulation (EC) 1935/2004 of the European Parliament and the Council, Regulation (EU) 10/2011 and amendments and testing/results based on worst case calculation and certificates of suppliers.

Food contact surface area to volume ratio used to establish the compliance of the product: 6

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Regulation EC/1935/2004



Product Ultranyl FG process and conveyor belts

Material TPU Ultranyl 85 FG

Conclusion

The raw materials of belts meet the requirements of Regulation (EU) 10/2011 and its amendments. All resulting values are within the required limits (total migration, specific migration and other applicable restrictions) and testing was performed according to Regulation (EU) 10/2011.

The belts are suitable for direct contact with all types of food (dry, aqueous, acidic, alcoholic and fatty or oily food types according to Annex III, table 2) up to 2 hours in 70°C or 15 minutes in 100°C. The product complies with the requirements of Commission Regulation (EC) 2023/2006 (GMP) and is fully traceable. The product does not contain any dual use additives as defined in Regulation (EC) 1333/2008 (food additives) and Regulation (EC) 1334/2008 (flavourings). The product does not change organoleptic properties of food. The product does not contain any materials in nano form.

Results

Test in compliance with Regulation (EU) 10/2011, and OM3 migration conditions

Tested parameter	Conditions	Indication food type	Unit	Migration limits	Result
Global migration	Simulant A (10% ethanol) 2h; 70°C	watery	mg/dm ²	10.0	Within limit
	Simulant B (3% acetic acid) 2h; 70°C	acidic			
	Simulant D2 (olive oil) 2h; 70°C	fatty			
Primary aromatic amines migration	3% acetic acid 2h; 70°C			0.0017	Within limit

This concerns all belts with FG (foodgrade) in the nomenclature and EC indication on the belt data sheet.

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