

NUDEC®PETg

Food Contact Compliance - Europe

To whom it may concern,

We, NUDEC S. A., hereby confirm that our NUDEC®PETg Clear complies the requirements of the European Community regulations for plastics used in food-contact applications (EU) N° 1935/2004 and 10/2011:

- It has been produced according to the good manufacturing practices included in the EU Regulation 2023/2006.
- It complies with the organoleptic requirements included in the EU Regulation 1935/2004.
- All the monomers used by our PETg resin suppliers in the production are currently included in the EU Regulation 10/2011.
- Migration tests for NUDEC®PETg up to 12 mm (Regulation 10/2011):

Test	Standard	Units	Limit	Value	Conclusion
Global migration					
Simulant A	UNE-EN 1186-1	mg/dm ²	10	< 1,2	OK
	UNE-EN 1186-3				
Simulant B	UNE-EN 1186-1	mg/dm ²	10	< 1,2	OK
	UNE-EN 1186-3				
Simulant D2 (olive oil)	UNE-EN 1186-1	mg/dm ²	10	< 3,0	OK
	UNE-EN 1186-2				
Specific migration					
Terephthalic acid (CAS n° 100-21-0)	UNE-EN 13130-1	mg/kg	7,5	< 0,81	OK
	UNE-EN 13130-2				
Isophthalic acid (CAS n° 121-91-5)	UNE-EN 13130-1	mg/kg	5,0	< 0,82	OK
	UNE-EN 13130-2				
Ethylene glycol (CAS n° 107-21-1)	UNE-EN 13130-1	mg/kg	30	< 4,3	OK
Diethylene glycol (CAS n° 111-46-4)	UNE-EN 13130-7				

A 10,0 dm²/kg ratio between food contact surface and volume, has been used in order to establish the conformity of the specimen.

USE CONDITIONS:

According to the results, the product above mentioned complies with the global and specific migration limits of the indicated substances stated in Regulation 10/2011, for contact with all kind of foodstuffs, for any long term storage of repeated use (including heating up to 70 °C for up to 2 h, or heating up to 100 °C for up to 15 min) at room temperature or below.

In cases where the conditions of use are beyond our control, we do not assume any responsibility for any use of the above materials. Therefore, customers take all responsibility and shall not disclaim any liabilities. The customer must ascertain whether the use of our products is safe and lawful in their intended applications. We do not guarantee that the status of the above products will remain unchanged if there exists the possibility of a change in law or regulation that is beyond our control.

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'Elisabet Suñer'.

Elisabet Suñer
R+D+i Technician