

Akestra™

Akestra™ is a remarkable thermoplastic with a sparkling glass-like appearance. It can be used as a polystyrene alternative for heat resistant thin wall containers, a polycarbonate alternative for durable “dishwasher proof” transparent products, and a glass alternative for hot-fill food containers.



Extrakt from

Commission Regulation (EU) No. 10/2011 (Plastics for Food Contact)

As amended by Commission Regulation (EU) 2016/1416

FCM substance No	CAS No	Substance Name	Use as monomer or other starting		FRF applicable	SML [mg/kg]	Restrictions and specifications	Notes on verification of compliance
			Use as additive or polymer production aid (PPA)	substance or macromolecule obtained from microbial fermentation				
1052	1455-42-1	2,4,8,10-tetraoxaspiro[5.5]ju ndecane-3,9-diethanol,β3,β3,β9, β9 tetramethyl- (SPG')	no	yes	no	5	Only to be used as a monomer in the production of polyesters. The migration of oligomers of less than 1000 Da shall not exceed 50 µg/kg food (expressed as SPG).	(22) (23)
"(22)	When used in contact with non-alcoholic foods for which Table 2 of Annex III assigns food simulant D1, food simulant C shall be used for verification of compliance instead of food simulant D1;			When a final material or article containing this substance is placed on the market, a well described method to determine whether the oligomer migration complies with the restrictions specified in column 10 of Table 1 shall form part of the supporting documentation referred to in Article 16. This method shall be suitable for use by a competent authority to verify compliance. If an adequate method is publicly available, reference shall be made to that method. If the method requires a calibration sample, a sufficient sample shall be supplied to the competent authority on its request.";				

