Information Sheet | FCC Ultrafuse PET

Date: January 20th, 2023 Version no.: 2.0

Dear customer,

We can confirm that our raw material suppliers certified that all monomers used for the production of the raw materials, which are being used for the production of our Ultrafuse PET filaments, are included on the positive list in Annex I of the mentioned Commission Regulation (EU) no. 10/2011 of 14 January 2011, as amended before the publication date of this letter. Specific migration limits (SML) exist for the following monomers:

Substance	FCM substance no.	CAS registration no.	SML (mg/kg)
Purified terephthalic acid	785	100-21-0	7.5
Purified isophthalic acid	291	121-91-5	5
Mono-ethylene glycol	227	107-21-1	30 (SML(T))*

* SML(T) in this specific case means that the restriction shall not be exceeded by the sum of the migration of the following substances mentioned as Ref. No's: 15760, 16990, 47680, 53650, and 89440.

The following additional components used in the raw material for our Ultrafuse PET filaments are subject to restrictions according to Annex II of Commission Regulation (EU) no. 10/2011, as amended:

SML (mg/kg)	Substance
0.04	Antimony (Sb)
5	Zinc
5	Copper1

[1]This is only applicable for the following colors; Blue and Green.

The following non-intentionally added substances (NIAS) that may be present or formed in the raw materials used for the production of Ultrafuse PET filaments are subjected to an SML according to Annex I of Commission Regulation (EU) no. 10/2011, as amended:

Substance	FCM substance no.	CAS registration no.	SML (mg/kg)
Acetaldehyde	128	75-07-0	62
Di-ethylene glycol (DEG)	263	111-46-6	30 (EG + DEG expressed as ES)3

[2]This total specific migration limit (SML(T)) applies to FCM substances no. 128 and 211. This total
[3]specific migration limit (SML(T)) applies to FCM substances no. 89, 277, 263, and 1048.

Also, we can confirm that the raw materials used for the production of our Ultrafuse PET filaments are suitable for use in food contact applications according to the FDA (food and drug administration) Regulation 21 CFR. This excludes the following colors: Grey, Orange, Red, and White.

Since BASF 3DPS B.V. is not the manufacturer of the final (3D printed) product, the responsibility to test if the final product complies with national and international legislation rests with the user of the filament.

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