

SUPPLIER COMPLIANCE STATEMENT FOR APPLICATIONS IN FOOD CONTACT

EMS-CHEMIE (Deutschland) GmbH, Business Unit **EMS-GRIVORY Europe** hereby declares that its product

Grilon TSG-15/4 FA black 9840

chemically consisting of **PA66+PA6** (polymer designation according to ISO 1043), is regulated in contact with foodstuff in the European Union, in Germany, in the USA, in China, in the Mercosur countries, in Switzerland and in Japan as follows:

European Union

Grilon TSG-15/4 FA black 9840 meets the relevant requirements laid down in Regulation (EC) No. 1935/2004 as amended and is in compliance with regulation (EU) No. 10/2011 of 14 January 2011 including all amendments up to the date of issue of this letter. It is in compliance with Regulation (EC) No. 2023/2006 (GMP) within the limits of technical feasibility. The filler is in compliance with the specific requirements for glass fiber sizing according to Regulation (EU) No. 10/2011. The colorants are in compliance with the Resolution AP (89) 1, "On the Use of Colorants in Plastic Materials Coming into Contact with Food" of the Council of Europe. The product does not contain intentionally added substances whose genotoxicity cannot be excluded.

Requirements:

Global migration limit (OML):	60	mg/kg
Specific migration limits (SML according to Annex I and II of Regulation (EU) No. 10/2011):		
▫ Caprolactam (Ref. No. 14200, CAS No. 105-60-2)	15	mg/kg
▫ Hexamethylenediamine (Ref. No. 18460, CAS No. 124-09-4)	2.4	mg/kg
▫ 1,6-Hexamethylene-bis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide) (Ref. No. 59120, CAS No. 23128-74-7):	45	mg/kg

Restrictions: For repeat-use food contact articles only.

Germany

Grilon TSG-15/4 FA black 9840 is in compliance with the Consumer Goods Ordinance (Bedarfsgegenständeverordnung) of 23 December 1997, published in Bundesgesetzblatt 1998, part I, page 5, as currently amended, and the Food, Consumer Goods and Feed Law (LFGB) of 24 July 2009, § 30 and § 31, published in Bundesgesetzblatt, part I, page 2205, as currently amended, and with the recommendations IX. of the "Bundesinstitut für Risikobewertung (BfR)" relating to the colorants.

The restrictions and requirements are the same as in the European Union.

USA

Grilon TSG-15/4 FA black 9840 is in compliance with FDA requirements of 21 CFR, paragraph 177.1500 (1+6.1) for the nylon grades, and with the applicable paragraphs in 21 CFR for the additives.

Requirements:

The product is allowed for repeat-use food-contact articles in contact with non-alcoholic food and beverages under conditions of use A-H as described in 21 CFR paragraph 176.170, Tables 1 and 2.

Restrictions: For repeat-use food contact articles only.

China

Grilon TSG-15/4 FA black 9840 is in compliance with GB 4806.6-2016 for the nylon grades and with GB 9685-2016 for the additives. The specific provisions for plastic resins given in the general requirements of GB 4806.1-2016 and GB 4806.7-2016 are met. Basic requirements of GB 31603-2015 on the quality management system are met; EMS-CHEMIE (Deutschland) GmbH is certified according to IATF 16949:2016.

Requirements:

Global migration limit (OML):	60	mg/kg
Specific migration limits (SML):		
▫ Caprolactam (CAS No. 105-60-2)	15	mg/kg
▫ Hexamethylenediamine (CAS No. 124-09-4)	2.4	mg/kg
▫ 1,6-Hexamethylene-bis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide) (CAS No. 23128-74-7):	45	mg/kg

Restrictions: For repeat-use food contact articles only.

Mercosur

Grilon TSG-15/4 FA black 9840 is in compliance with Resolution GMC No. 02/12 for the nylon grades, with Resolution GMC No. 39/19 for the additives and with Resolution GMC 15/10 for the colorants. The specific provisions for plastic resins given in the general requirements of Resolutions GMC No. 03/92 and 56/92 are met as far as technically feasible.

Requirements:

Global migration limit (OML):	50	mg/kg
Specific migration limits (SML):		
▫ Caprolactam (CAS No. 105-60-2)	15	mg/kg
▫ Hexamethylenediamine (CAS No. 124-09-4)	2.4	mg/kg
▫ 1,6-Hexamethylene-bis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide) (CAS No. 23128-74-7):	45	mg/kg

Restrictions: For repeat-use food contact articles only.

Switzerland

Grilon TSG-15/4 FA black 9840 is in compliance with the Swiss Consumer Goods Ordinance (Bedarfsgegenständeverordnung) S.R. 817.023.21 of 16 December 2016, published in Amtliche Sammlung AS 2017 1537, as currently amended, and the Food and Consumer Goods Ordinance (LGV) of 16 December 2016, published in Amtliche Sammlung AS 2017 283, as currently amended.

The requirements derive from Annex 2 of S.R. 817.023.21, as published on 01 December 2020 under www.blv.admin.ch/verpackungen.

Requirements:

Global migration limit (OML):	60	mg/kg
Specific migration limits (SML):		
▫ Caprolactam (CAS No. 105-60-2)	15	mg/kg
▫ Hexamethylenediamine (CAS No. 124-09-4)	2.4	mg/kg
▫ 1,6-Hexamethylene-bis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide) (CAS No. 23128-74-7):	45	mg/kg

Japan

All ingredients of Grilon TSG-15/4 FA black 9840 are listed on the positive list published on 28.04.2020 by the Japanese Ministry of Health, Labour and Welfare. The product is in compliance with the requirements of MHLW Notification No. 196 of 2020.

General requirements for all countries

Producers of the final articles coming into contact with food have to verify that the aforementioned requirements are fulfilled, e.g. by performing migration tests. Furthermore, it must be assured that the composition and organoleptic characteristics of the food are not changed to an unacceptable extent.

All data included in this declaration are issued to the best of our knowledge. Information is partially based on supplier data assumed and trusted to be correct. This document is purposed solely for customers and relevant authorities. The right of publication in any form (electronic or printed, fully or partial) of the provided information fully rests with the publisher EMS-CHEMIE AG and can only be granted with the publisher's consent in writing.

This declaration is valid as long as there are no changes in any of the named regulations, but latest until 31.12.2021.

Electronically issued document. Valid without signature.

Groß-Umstadt, 31 March 2021

i. V. Dipl.-Ing. Diana Grommes
Head of Quality Assurance / Material Testing

i.A. Dipl.-Ing. Frank Thiemann
Environmental + Safety Requirements