



Vydyne® R515 NT Nylon Resin Food Contact Declaration

Vydyne® R515 NT is a grade of PA66 resin with 15% glass fiber reinforced.

United States - Vydyne® R515 NT is formulated and manufactured to meet the relevant requirements of the U.S. Food and Drug Administration (FDA) regulations. This resin is nylon 66 polymer that complies with the requirements of 21 CFR 177.1500 (b)(1). This resin only contains additives that meet one or more of various requirements in 21 CFR – Specific citation as a food contact material, GRAS Status, Direct Food Additive status, or Threshold of Regulation (TOR) exemption.

European Union - Vydyne® R515 NT meets all relevant requirements of the following European Regulations and Directives:

- Regulation (EC) 1935/2004 – The Framework Regulation
- Regulation (EC) No 2023/2006 – The Good Manufacturing Practices Regulation
- Regulation (EU) No 10/2011 (including its amendments) – Plastic Materials and Articles Intended to Come into Contact with Food

The following dual use additives in Vydyne® R515 NT are subject to a specific restriction in food under Regulation (EC) No 1333/2008 on food additives, as amended, and should be further assessed to confirm compliance with any restrictions:

FCM Substance Number	Substance Name	Food Additive
303	Adipic Acid	E 355

No other dual use additives used in Vydyne® R515 NT could lead to the food being out of compliance with any restrictions set out in Regulation (EC) No 1333/2008 on food additives, as amended, or Regulation (EC) No 1334/2008 on flavourings and certain food ingredients with flavouring properties for use in and on foods, as amended.

Oligomers present in Vydyne® R515 NT have been assessed as Non-Intentionally Added Substances (“NIAS”) and are in accordance with Article 19 of Regulation (EU) No 10/2011, and comply with the safety requirement in Article 3.1 a) of the Framework Regulation, when Vydyne® R515 NT is used to produce kitchenware articles intended for repeated-use applications.

China – Vydyne® R515 NT meets the relevant requirements of the following China Regulations:

- GB 31603–2015 General Hygienic Standard for Production of Food Contact Materials and Articles
- GB 9685–2016 Standards for Uses of Additives in Food Containers and Packaging Material
- GB 4806.1–2016 General Safety Requirements for Food Contact Materials and Articles
- GB 4806.7–2023 National Food Safety Standard Food Contact Plastic Materials and Articles (SN 19, (CAS 32131-17-2))

The following dual use additives in Vydyne® R515 NT are subject to a specific restriction in GB 9685-2016 and GB 2706-2014 Food Additives Standard and should be further assessed to confirm any restrictions:

- Adipic Acid (Food Additives CAS No. 124-04-9)

Mercosur - Vydyne® R515 NT meets the relevant requirements of the following Mercosur Regulations:

- GMC/RES No 39/19 – Positive List of Additives for Plastic Materials Intended for the Manufacture of Food Contact Packaging and Equipment
- GMC/RES No 32/10 – Technical Regulation on Migration from Plastic Materials, Packaging and Equipment Intended to Come into Contact with Foods
- GMC/RES No 02/12 and 19/21 – Mercosur Technical Regulation on Positive List of Monomers and Other Starting Substances and Polymers Authorized for the Manufacture of Food Contact Plastic Packaging and Equipment
- GMC/RES No 56/92 and 20/21 – General Provisions for Plastic Packaging and Food Contact Equipment.
- GMC/RES No 03/92 – General Criteria of Packaging and Food Equipment in Contact with Foods.

Japan - Vydyne® R515 NT is compliant with the Japanese polymer and additives positive lists per the Public Notice of November 30, 2023 (MHLW Notification No. 324) and amendments, and per IOS-MAT-0205 v2.

The product can be used in contact with all food types at all allowed temperatures.

Vydyne® R515 NT contains the following substances which are subject to a Specific Migration Limit under Regulation (EU) No 10/2011, Annex I and Annex II, China GB 9685–2016 Appendix C and GB 4806.7–2023 Appendix A, table A.1, and Mercosur GMC/RES 02/12 and 39/19:

Component	CAS Number	SML
Hexamethylene Diamine	124-09-4	2.4 mg/kg
Zinc Stearate	557-05-1	25 mg/kg (expressed as Zinc), (GB 9685–2016) 5 mg/kg (expressed as Zinc), (EU 10/2011) (GMC/RES No 39/19)

Compliance with these SML's, the Overall Migration Limit (OML), Article 3.1 b) and c) of the Framework Regulation, and GB 4806.1 (3.1–3.7) prohibiting food contact materials from unacceptably altering the composition of food or bringing about deterioration of the organoleptic characteristics of the food is a function of the composition, shape, size, and use conditions of the finished article. Compliance with these limits must be determined by the customer.

Ascend as a raw material supplier has a routine to follow any amendments or other changes in Regulation EU No 10/2011, USA Code of Federal Regulations (CFR) Title 21, and Chinese standard GB 9685-2016, GB 4806.1–2016, GB 4806.7-2023, and to remove any substances removed from their lists of allowed substances in good time so that their customers who manufacture plastic food-contact articles can comply with the changed requirements in time. Further revisions will be evaluated by this Company at the time of publication of revision.

Regrind materials and Phthalates (that are included in the lists established by IOS-MAT-0103 v8) are not added to Vydyne® R515 NT during the production.

No known genotoxic compounds are contained in this product.

Sincerely,

Product Stewardship

E-Mail: stewardship@ascendmaterials.com

September 30, 2025