



## Vydyne® 21M Natural Nylon Resin Food Contact Applications

Vydyne® 21M Natural nylon resin may be used worldwide in food contact applications. There are no food type or use restrictions placed on this resin by any government body.

**United States** - Vydyne® 21M Natural is formulated and manufactured to meet the relevant requirements of the U.S. Food and Drug Administration (FDA) regulations. This resin is primarily Nylon 6,6 polymer, and meets the requirements of 21 CFR 177.1500 (b)(1). This resin contains additives, and each of these proprietary additives meets 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® 21M Natural 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 (EC) No 10/2011 – Plastic Materials and Articles Intended to Come Into Contact With Food Regulation

Vydyne® 21M Natural contains the following substances which are subject to a Specific Migration Limit under Regulation (EC) No 10/2011, Annex I (the Union List):

Component	SML
Hexamethylene Diamine	SML = 2.4 mg/kg

Compliance with these SML's, as well as the Overall Migration Limit (OML) is a function of the composition, shape, size and use conditions of the finished article. Compliance with these limits should be determined by the customer.

Vydyne® 21M Natural contains no additives which are authorized as food additives or flavorings by 89/107/EEC or 88/388/EEC. All nylon 6,6 polymers contain Adipic Acid and may contain Acetic Acid as monomers. Adipic Acid and Acetic Acids are authorized by EFSA as food additives and/or flavoring ingredients.

Vydyne® 21M Natural meets all relevant requirements of all national European regulations.



Vydyne® 21M Natural nylon resin is certified by the National Sanitation Foundation (NSF) as meeting the requirements of NSF Standard 51 – Food Contact Materials. It is approved for use in contact with all food types without restriction. The listing may be found at <http://www.nsf.org/Certified/Food/Listings.asp?Company=4F050&Standard=051>

If you have further questions about this or any Ascend Performance Materials product, please do not hesitate to contact us.

Regards,

A handwritten signature in black ink that reads 'Travis L. Willard'.

Travis L. Willard

Product Stewardship Lead  
Ascend Performance Materials LLC