

Lebensmittelrechtliche Erklärung (FDA)

Produkt: IGOPAS-C6/100 natur

The supplied product

IGOPAS-C6/100 natur plates (from 6mm up to 100mm thickness)
rods (from Ø 50mm up to Ø 200mm)

is polymerized to nylon 6 by anionic polymerization of the starting raw materials ϵ -caprolactam, activators, catalysts and processing aids.

As FDA 21 CFR § 177.1500 covers “Nylon 6 resins manufactured by the polymerization of ϵ -caprolactam”, our IGOPAS-C6/100 natur meets the requirements of this **regulation with respect to the used kind of raw materials** as mentioned above.

Further requirements of FDA 21 CFR § 177.1500 are listed in table (b) as follows:

(b) Specifications:								
					Maximum extractable fraction in selected solvents (expressed in percent by weight of resin)			
Nylon Resins	Specific gravity	Melting Point (degress Fahrenheit)	Solubility in boiling 4.2N HCl	Viscosity No. (mL/g)	Water	95 percent ethyl alcohol	Ethyl acetate	Benzene
.....								
6.1 Nylon 6 resins	1.15 ± 0.015	392 - 446	Dissolves in 1h	-	1.0	2.0	1.0	1.0
.....								

We hereby confirm that the listed requirements for **specific gravity, melting point as well as solubility in HCl are met by IGOPAS-C6/100. The finished food contact article is subject to extractive limitation.**

Compliance **with the extraction requirements has not been tested on our IGOPAS-C6/100 natur** semi-finished products because they have to be carried out on the final article for food contact application.

Therefore the responsibility for evaluating the finished food contact article for conformance with applicable requirements lies solely with the manufacturer of such article.

Note:

It is the customer's own responsibility to test the suitability for plastic items manufactured form or with our products for the planned application in the foodstuff industry. That includes for example:

- Testing, if the physical characteristics of the plastic are suitable for the planned application,
- Testing, if plastic parts manufactured by the customer fulfil the prescribed migration or extraction values,
- Testing for possible influence of the plastic on the composition and/or organoleptic characteristics of foodstuffs,

The information above is based on the information provided by our suppliers. We are not liable for completeness and correctness of information contained herein. Existing laws and regulations must be respected by the receivers/users for our products in their own responsibility. This declaration is reevaluated in case of modifications of directives and laws, raw materials, formula, manufacturing procedures or other.

faigle Industrieplast GmbH

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