

## FOOD CONTACT COMPLIANCE STATEMENT (FDA)

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### Product: **SUSTAMID 6 G natural**

The supplied product SUSTAMID 6 G natural (Plates from 6mm up to 100mm thickness / rods from Ø50mm up to Ø200mm) is polymerized to nylon 6 by anionic polymerization of the starting raw materials  $\epsilon$ -caprolactam, activators, catalysts and processing aids.

As FDA 21 CFR § 177.1500 covers “Nylon 6 resins manufactured by the polymerization of  $\epsilon$ -caprolactam”, our SUSTAMID 6 G 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:									
Nylon Resins	Specific gravity	Melting Point (degrees Fahrenheit)	Solubility in boiling 4.2N HCl	Viscosity No. (mL/g)	Maximum extractable fraction in selected solvents (expressed in percent by weight of resin)				
					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 SUSTAMID 6 G. The finished food contact article is subject to extractive limitation.**

Compliance **with the extraction requirements has not been tested on our Sustamid6G** 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 of plastic items manufactured from or with our products for the intended 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,

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