

FOOD CONTACT COMPLIANCE STATEMENT (FDA)

Röchling Sustaplast SE & Co. KG
 D-56112 Lahnstein
 Tel. + 49 2621 693-0
 Fax + 49 2621 693-170
 www.roechling.com
 info@sustaplast.de

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 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 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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