

Technical Data Sheet

Nitrocellulose (Hacocell / Hacoplast)

Type	Norm	Type of solubility		
AH 35	36 A	Ester	Alcohol	Special/Medium alcohol
			✓	

Properties/Application

Extreme low NC for the manufacture of flexo and gravure printing inks

Main application field: flexo and gravure printing inks

Product specification

Viscosity	[mPa s]	400 ± 25	Solvents for nitrocellulose					
according to ISO 14446			ketone	ester	glycoether	alcohol	benzene HC	benzine HC
Nitrogen	[%]	10,9 - 11,3						
NC-V006A								
Colour	[APHA-selekt]	≤ 300	genuine solvent	✓	✓	✓		
NC-V009A/C	[Gardner]	≤ 2,5	latent solvent				✓	
Solubility in Ethanol	[%]	≥ 90	diluting agent (non-solvent)					✓
NC-V012							✓	✓

Product variants

	Nitrocellulose flocks	Nitrocellulose finegranulates	Plasticized NC chips	Plasticized NC granulates
Damping grade	[%] 30 ± 2 oder 35 ± 2	[%] 30 ± 2 oder 35 ± 2		
Residual moisture	[%]		≤ 4	≤ 4
Residual moisture of PUR-Quality	[%]		≤ 1	≤ 1
Plasticizer contents	[%]		20 ± 1	20 ± 1
Damping agent / Plasticizer*	Ethanol Isopropanol n-Butanol Water	Ethanol Isopropanol n-Butanol Water	ATBC EPO SAIB Nepplast (PU) DOA INBT	ATBC EPO SAIB Nepplast (PU) DOA INBT
	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓

* Other plasticizers on demand

Supply form

Standard packing	51,3 kg in 125 l (35 %)	70 kg in 125 l (35 %)	50 kg in 125 l	50 kg in 100 l
PE-Inliner, antistatic	✓	✓		
Fibre Drums	100 l or 125 l	100 l or 125 l	100 l or 125 l	100 l or 125 l
Cardbox	✓	✓		

Concerning security measures at handling and danger instructions for storing and transporting, please, refer to the information sheet M 037 12/93 of the Employers'/Employee's Liability Insurance Association of the Chemical Industry and also to our Material Safety Data Sheet and our Transport Safety Data Sheet. The information in this publication, and any subsequent advice of a technical nature given either by word of mouth or in writing, is based on our know-how and experience. It is however the responsibility of the customer to verify whether our products are suitable for the range of application in each individual case, and to have due regard to rights of Third parties which may be in contrast with the processing or any other kind of use. No claims whatever can be brought against us on the basis of the information contained in this publication, or of any advice of a technical nature which may subsequently be given. This publication become void once a re-edition will be published. (edition 07/2013)