

Technical Data Sheet

Nitrocellulose (Hacocell / Hacoplast)

Type	Norm	Type of solubility		
H 35 sp.	36 M	Ester	Alcohol	Special/Medium alcohol
				✓

Properties/Application

Extremely low viscosity NC for the manufacture of flexo and gravure printing inks as well as coating lacquer for foils with a high content of ethanol

Main application fields: flexo and gravure printing inks, finishing lacquers

Product specification

Viscosity	[mPa s]	400 ± 25	Solvents for nitrocellulose						
according to ISO 14446				ketone	ester	glycoether	alcohol	benzene HC	benzine HC
Nitrogen	[%]	11,3 - 11,7							
NC-V006A									
Colour	[APHA-selekt]	≤ 300	genuine solvent	✓	✓	✓			
NC-V009A/C	[Gardner]	≤ 2,5	latent solvent				✓		
Solubility in Ethanol	[%]	≥ 60	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	✓	✓		

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