

Technical Data Sheet

Nitrocellulose (Hacocell / Hacoplast)

Type	Norm	Type of solubility		
H 33	34 E	Ester ✓	Alcohol	Special/Medium alcohol

Properties/Application

Very low viscosity NC for the manufacture of lacquers which are especially rich of solids, that yield films with strong body of varnish along with good mechanical and durable properties

Main application fields: combination lacquers, dipping lacquers, spray lacquers, wood lacquers

Product specification

Viscosity	[mPa s]	400 ± 25	Solvents for nitrocellulose					
according to ISO 14446			ketone	ester	glycoether	alcohol	benzene HC	benzine HC
Nitrogen	[%]	11,8 - 12,4						
NC-V006A								
Colour	[APHA-selekt]	≤ 300	genuine solvent	✓	✓	✓	✓	✓
NC-V009A/C	[Gardner]	≤ 2,5	latent solvent	✓	✓	✓	✓	✓
			diluting agent (non-solvent)	✓	✓	✓	✓	✓

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 %)	71,5 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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