

Technical Data Sheet

Nitrocellulose (Hacocell / Hacoplast)

Type	Norm	Type of solubility		
H 30	32 E	Ester ✓	Alcohol	Special/Medium alcohol

Properties/Application

Low viscosity NC for the manufacture of lacquers which are rich of solids, that yield films with strong body of varnish along with good mechanical and durable properties; good fastness against ageing and temperature influence

Main application fields: coating lacquers, combination lacquers, finishing lacquers, sealers, spray lacquers, wood lacquers

Product specification

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