# Technical Data Sheet
Nitrocellulose (Hacocell / Hacoplast)

**Hagedorn | NC**

| Type | Norm | Type of solubility | | |
|---|---|---|---|---|
| **H 7** | **7 E** | Ester | Alcohol | Special/Medium alcohol |
| | | ✓ | | |

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## Properties/Application

High viscosity NC for thin-layer, plasticizer-free lacquers
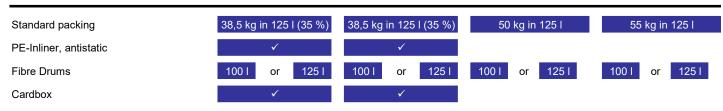
Main application field: zapon lacquers

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## Product specification

| | | |
|---|---|---|
| Viscosity | [mPa s] | 400 ±100 |
| according to ISO 14446 | | |
| Nitrogen | [%] | 11,8 - 12,4 |
| NC-V006A | | |
| Colour | [APHA-selekt] | ≤ 300 |
| NC-V009A/C | [Gardner] | ≤ 2,5 |

**Solvents for nitrocellulose**

| | ketone | ester | glycolether | alcohol | benzene HC | benzine HC |
|---|---|---|---|---|---|---|
| genuine solvent | ✓ | ✓ | ✓ | | | |
| latent solvent | | | | ✓ | | |
| diluting agent (non-solvent) | | | | | ✓ | ✓ |

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## 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 |

| | Nitrocellulose flocks | Nitrocellulose finegranulates | Plasticized NC chips | Plasticized NC granulates |
|---|---|---|---|---|
| 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

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## Supply form

| | Nitrocellulose flocks | Nitrocellulose finegranulates | Plasticized NC chips | Plasticized NC granulates |
|---|---|---|---|---|
| Standard packing | 38,5 kg in 125 l (35 %) | 38,5 kg in 125 l (35 %) | 50 kg in 125 l | 55 kg in 125 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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