

Technical Data Sheet

Nitrocellulose (Hacocell / Hacoplast)

| | | | | |
|-------------|-------------|--------------------|---------|------------------------|
| Type | Norm | Type of solubility | | |
| H 27 | 27 E | Ester ✓ | Alcohol | Special/Medium alcohol |

Properties/Application

Medium viscosity NC for the manufacture of lacquers and special printing inks

Main application fields: combination 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 | 38,5 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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