

Solvoya® N6836-X

Edition 04-2020

Solvoya® N6836-X is a short oil Non-dry alkyd resin based on Coconut fatty acid - available in solids from 60% to 70±2% in Xylene

Mode of application: Bake, NC and/or catalyzed dry.

PERFORMANCE & APPLICATIONS

- Excellent adhesion and gloss level
- Good mechanical performance
- Good hardness, adhesion and flexibility
- Very good weathering & yellowing resistance
- Used for Non-yellowing baking & white enamels
- Recommended for tinplate varnishes and for furniture lacquers
- Recommended for non-yellowing baking enamels
- Suitable for PU-finishes & general purpose stoving enamels
- Suitable for high quality clear & pigmented NC lacquers for wood and car coatings

SUPPLY SPECIFICATIONS

- Delivery form 70.0 ±2%
- Dilution form 60.0 ±2%
- Acid value mg KOH/gm solid 8.0 max.
- Gardner viscosity at 25°C Approx. Z2-Z3 at 60%
- Brookfield approx. viscosity at 25°C Approx. 3,600 CP at 60%
- OH-Content (Per solids) 4.00%
- Gardner Color Scale DIN EN ISO 6271-1 3.0 max.

TYPICAL COMPOSITION

- Phthalic anhydride content 46%
- Type of oil Coconut fatty acid
- Oil Content 32%
- Type of Polyol Mixed polyols
- Type of Solvent(s) Xylene

SPECIFIC PROPERTIES

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|---------------------------|--------------------|------------------------|--------------|
| • Aliphatic hydrocarbon | Insoluble | • Zinc white | Incompatible |
| • Aromatic hydrocarbon | Soluble | • Red Lead | Incompatible |
| • Chlorinated hydrocarbon | Insoluble | • Nitrocellulose | Compatible |
| • Alcohols | Limited solubility | • Chlorinated rubber | Incompatible |
| • Esters | Soluble | • Stand oil | Incompatible |
| • Ketones | Soluble | • Isocyanate | Compatible |
| • Glycol-ethers & esters | Soluble | • Urea/melamine resins | Compatible |

STORAGE

Solvoya® N6836-X is stable at temperatures up to 30 °C when packed in original containers, Exposure to sun shine should be avoided.

STABILITY

Solvoya® N6836-X is stable for more than 24 months from the date of production mentioned on the pack of each patch, with reference to the above mentioned storage conditions.

REMARKS

- For Ideal Drying time test results, EBCA recommends testing after 48 hours from adding the driers to the paint (min. 24 hours).
- The combinations must be tested for their compatibility

Egyptian British Company maintains Material Safety Data sheets (MSDS) on all of its products. These contain important information that you may need to protect your employees and customers against any known health and safety hazards associated with our products. We recommend you obtain copies of MSDS for our products, from our technical representative, and obtain copies of MSDS from your suppliers of other raw materials used with our products.

