Casamid® 833

Co-Solvent Polyamide Resin

Outstanding Solubility

Excellent Stability

High Abrasion Resistance

Product Description

Casamid® 833 is engineered for use in co-solvent flexographic and gravure inks, lacquers, and overprint varnishes primarily in the flexible packaging market. Compared to Casami® 831, Casamid® 833 has much improved solubility characteristics, compatibility with nitrocellulose and greater tolerance to alcohol and polar solvents.

Applications

- **Flexible packaging for food and consumer goods -** excellent adhesion on films such as BOPP and treated polyethylene, good gloss, and print definition.
- **Laminating inks -** strong bond development with minimal solvent retention when properly formulated.
- **Cold-seal release lacquers -** high alcohol tolerance for reliable release performance with high-speed press stability.
- **Overprint varnishes -** enhanced resistance to abrasion and blocking.

Features and Benefits

- Excellent adhesion to treated polyolefin substrates.
- Good gloss and re-solubility in press.
- Compatible with phenolic resins for improved abrasion resistance.
- Stable performance under storage and press conditions.
- Superior compatibility with alcohols, hydrocarbons and esters.
- Trusted partner- celebrating 100 years of chemical manufacturing in 2026.
- Energy independent as a result of our on-site anaerobic digestion facility.
- Global network of sales offices, direct logistics and US and UK formulating production centres ensuring security of supply and short lead times from stock.

Mode of Action

Casamid® 833 Acts as a film-forming binder that enhances adhesion, print quality, and flexibility of ink systems, while enabling excellent pigment dispersion and re-solubility properties in demanding flexographic and gravure applications.

Casamid™ 833

Packaging
Available in 25 kg bags normally 500 kg per pallet.

Shelf Life
Store under cool, dry conditions. It is recommended that the material be used within 12 months of certification.

Handling
Casamid® polyamide resins are not classified as dangerous and present little or no toxic hazard at normal ambient temperatures, providing good standards of industrial and personal hygiene are practised. However, dust may be produced during handling and the wearing of protective masks and precautions to avoid potential dust explosion etc. are required.

Guidelines for Use
Recommended for flexographic printing and lacquer formulations, requiring anti-blocking and gelation resistance.
Suitable for alcohol-soluble ink and coating applications, ensuring durability and adhesion.
Optimised for overprint varnishes, providing smooth coverage and improved gloss.

Selling Specification

Melting Point (R&B) (°C)	100-110
Melt Viscosity (C&P @ 160°C) (poise)	10-18
Acid value (mgKOH/g)	Max. 6
Amine Value (mgKOH/g)	Max. 6

Inventory Status

Casamid® and Casathix® products are classified as polymers and are typically exempt from registration under global chemical regulations such as REACH (EC 1907/2006), UK REACH, KKDIK, and TSCA. Regional regulatory requirements may differ—please consult us to confirm compliance in your intended market.

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