Casamid® 1752

Co-Solvent Polyamide Resin

High Viscosity and Excellent Film Formation

Optimised Gel Recovery

Broad Substrate Compatibility

Product Description

Casamid® 1752 is a high-performance co-solvent polyamide resin specifically developed for use in cold-seal release lacquers and packaging ink systems. It is a high viscosity resin similar to Casamid® 831 but has a slightly lower gel recovery temperature.

Applications

- **Cold-Seal Release Lacquers -** optimised gel recovery, controlled adhesion and clean release during high-speed packaging.
- **Flexible Packaging Inks (Reverse/Surface Print) -** excellent adhesion to a wide range of substrates including treated films and foils.
- **Heat-Seal Coatings & Varnishes -** Enhances packaging integrity and performance under thermal stress.
- **Specialty Coatings for High Block Resistance -** Prevents sticking during storage and transport.

Features and Benefits

- Thermoplastic polyamide structure designed for co-solvent ink and coating systems.
- Excellent heat resistance and high melt viscosity for durable film formation and performance.
- Enhanced substrate wetting and flow for uniform printing.
- Compatible with a wide range of alcohols and esters.
- Can be combined with nitrocellulose or other film formers to enhance mechanical and chemical resistance.
- 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® 1752 acts as a thermoplastic film-forming binder that enhances cohesion, gloss, and release behaviour. The polyamide matrix builds a flexible and tack-free dry film that resists blocking and adheres well to various treated plastic films.

Casamid® 1752

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)	105-115
Melt Viscosity (C&P @ 160°C) (poise)	25-40
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.

Limited Liability Information: The information contained herein is offered in good faith and is believed to be accurate at the time of printing. This information should not be used as a substitute for your own quality control and/or testing procedures to ensure that our products are safe, effective and fully satisfactory for the intended end use. Product use may be limited by regional and or regulatory restrictions. Customers are responsible for checking to ensure compliance with local regulations in countries where products are to be placed on the market. Thomas Swan does not accept liability for non-compliant products placed on the market in breach of local regulations.

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