Release ST4 M

Description

PRINTABLE RELEASE COAT FOR CORONA TREATED ADHESIVE TAPES

RELEASE ST4 M is a heterogeneous solution of synthetic resins in alcoholic/aromatic hydrocarbon solvents.

Application

RELEASE ST4 M is a compound in solvent solution, designed to replace the normal Release coat (Release PP 25S or RELEASE K100D) in the production of PP adhesive packaging tapes, in order to achieve tapes which will be printable with a single-step printing machine (similar to PVC tapes, without using primer and release) using only suitable inks (see notes below).

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids Solvents	%	12±0.50 toluene / isopropyl alcohol / xylene

Handling

RELEASE ST4 M must be heated and well stirred before use, until it becomes perfectly liquid.
Product temperature should never go below 20°C (preferably between 30-40°C).
Suggested dilution: 1 pp with 15 pp of a blend of toluene and isopropyl alcohol (70 : 30).
Suggested coating weight: 4-6 g/sqm wet on untreated BOPP film.
Coating must be perfectly dried (less than 0.6% of residual solvents).

Hot-melt or solvent rubber adhesives can be coated directly on line on the other treated side of the BOPP film.

Packaging

The product is supplied in iron drums (50 kg).

Storing

RELEASE ST4 M gels at low temperatures and must be kept at 20°C or above.
In case of freezing, good heating and stirring will be necessary. Product must also be stirred every time before removing partial quantities from containers.

Use within 12 months from production date (unopened and in the original packaging).

Notes

Ichemco can supply a wide range of suitable polyamide inks (**COLOR INK PP PAM + ADD** and **ECO INK PAM RU** series - one component inks, ready to use). See our web site (www.ichemco.it/inks) for a full list. The printing machine must use specific settings (we suggest to contact SIAT SPA), e.g. the larger cylinder (opposite to the printing rolls) must be heated at 40-50°C. Before printing, brush off the surface with a felt to activate the surface by friction.

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