Dual-use Non-toluene Surface Printing Gravure Ink For Treated/Untreated Films

APON Ink

“APON” surface printing ink for treated/untreated films is a non-toluene environmentally friendly dual-use ink. It helps resolve many environmental issues such as workplace pollution due to aromatic hydrocarbon, solvent waste, and air pollution, etc., attributed to gravure ink for films. In addition, its performance in terms of printability, physical properties of film, is equivalent to the inks that have toluene in them.

■ Features

- It is toluene free.
- It matches conventional dual-use surface printing inks in physical properties like oil resistance, heat resistance, etc.
- It offers excellent adhesiveness to untreated films such as OPP, CPP, etc.
- It excels in properties like printing, doctor, and clogging.
- Excels in color tone reproduction in process printing.
- Print coats excel in gloss and consistency.
- Can be used for high-speed printing.

■ Applications

- Treated, untreated polypropylene
  Treated polyethylene and composite films.

■ Handling Instructions

- For diluent, use PIXESS-2 solvent (standard solvent).
- Printing viscosity: 14~18sec（Zahn Cup No.3, 25℃） is recommended; however, adjust according to printing conditions (Plate, printing speed).
- Mutual solvability with alpha ink (toluene type): It can be mixed with alpha ink but in that case use diluents meant for alpha ink.

■ Attention

- It is not suitable for untreated side of heat sealable OPP film.
- It is not suitable for untreated polyethylene films.
- Not boiling resistant.
- The physical properties, such as oil and heat resistances etc., are based on the in-house test methods. Depending on the printing conditions, such as type of substrates used, printing methods, etc., the product may not suit your needs. Either conduct tests prior to use or contact our technical department.
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- The data contained herein are based on the results of the tests conducted in accordance with the in-house test methods, and are not standard values. Always conduct pre-use tests to ascertain the suitability of the product to your requirements. Nothing contained herein is to be construed as a recommendation for use in violation of any patents, applicable laws or regulations. It is the responsibility of the user to comply in all respects with applicable laws and regulations.
- Owing to product improvement the information contained herein may be modified without any prior notice.
- Make sure to read MSDS thoroughly before using the product.