

Release PP 25 W 1

(Provisional)

Description

RELEASE PP 25 W 1 is a special water based release coating developed for Pressure Sensitive Adhesive tapes to provide controlled release effect.

Application

RELEASE PP 25 W 1 adheres well to polyester and treated polyolefins. It provides excellent release on coextruded films or hot-melt coated polyolefines/PET.

Technical Specifications

Method of analysis	MU	Standard
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1. Total Solids	%	25±1
3. Brookfield Viscosity 25°C	mPa.s	20 - 60 ⁽¹⁾
8. pH	pH	7 - 9
- Solvents		water

⁽¹⁾ No 1 RV; 100 RPM

Packaging

The product is supplied in plastic drums (50 kg); IBC containers (1000 kg).

Storing

Product must be stored at temperatures between +5 and 30°C.

Use within 6 months from production date (unopened and in the original packaging).

Handling

RELEASE PP 25 W 1 can be used by simple dilution with deionized water to a total solids concentration of 1 - 1,5%, applying by Meyer Bar or Gravure rolls 4 - 5 g/sqm on corona treated OPP films (approx. 35 dyne/cm). Release action is developed by evaporation of the water at 80 - 100°C, depending upon web speed and oven efficiency. No curing mechanism is involved.

This product may also be used to modify waterborne ink having good gloss, release power and a low coefficient of friction. It is suggested to stir before use.