

Release W 30 HS4

(Provisional)

Description

RELEASE W 30 HS4 is a water based release agent based on synthetic SBR polymers added with hydrophobic and releasing agents.

Application

RELEASE W 30 HS4 has been designed as a release agent for porous substrates, like Kraft paper, Masking papers, non wovens, fabrics; which are supposed to be in contact with hot-melt, solvent and also water based adhesives.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	30±1
3. Brookfield Viscosity 25°C	mPa.s	500 - 1,500 ^①
8. pH	pH	6 - 8

^① N. 2 RV; 20 RPM

Storing

Keep material preferably at temperatures between +5°C and +40°C, despite a very good freeze stability.

When stored for over one month it is necessary to stir product for 10 - 15 minutes before use.
Shelf life is 3 months.

Handling

Quantity to apply depends on substrate porosity: from 3 to 5 g dry/sqm. Methods: Meyer bar, Reverse Roll, Roto gravure, Air knife.

It can be either thickened (acrylic thickeners) or diluted.

It is advised to heat the product for a few seconds at 150°C in order to achieve the highest properties of releasing and hydrophobicity. However results are good (but inferior) also at lower temperatures. Ageing properties are excellent.

Packing

RELEASE W 30 HS4 is supplied in 200 l plastic drums or 1000 l tanks.