



Release W 40 HS4

Description

RELEASE W 40 HS4 is a water-based release agent based on synthetic SBR polymers compounded with additives that impart a **high water repellency**.

Application

RELEASE W 40 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, natural rubber and acrylic adhesives.

Technical Specifications

| Method of analysis | MU | Standard |
|---------------------------------|-------|--------------------|
| 1. Total Solids | % | 39.5±1 |
| 3. Brookfield Viscosity 25°C | mPa.s | 500 - 1000 |
| 8. pH Solvents | | 6.5 - 8.5 water |

Handling

Quantity to apply depends on substrate porosity: from 3 to 5 g dry/sqm (on coated paper we suggest 3 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.

Storing

Despite a good freeze-thaw stability, keep material preferably at temperatures between +5°C and

+40°C, avoid direct sunlight.

When stored for over one month it is necessary to stir the product for 10 - 15 minutes before use.

Use within 9 months from production date (unopened and in the original packaging).