

Release W20 HS

Description

RELEASE W 20 HS is a water-based release agent based on synthetic SBR polymers added with hydrophobic and releasing agents.

Application

RELEASE W 20 HS 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 and solvent adhesives.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	20±1
3. Brookfield Viscosity 25°C	cps	800 - 1,200 ⁽¹⁾
8. pH - Solvents	pH	8 - 10 water

⁽¹⁾ N. 2 RV; 20 RPM

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.

Packing

RELEASE W 20 HS is supplied in 200 l plastic

drums or 1000 l tanks.

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.

Shelf life is 3 months.

Notes

Product can be supplied in two higher TS versions:

RELEASE W30 HS (30%)

RELEASE W40 HS (40%)

Viscosity can be increased, according to the coating system used.