

Release W20 S

OBSOLETE

Description

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

Application

RELEASE W 20 S 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
- Solvents		water
1. Total Solids	%	
RELEASE W20 S		20±1
3. Brookfield Viscosity 25°C	mPa.s	
RELEASE W20 S		800 - 1,200 ⁽¹⁾
8. pH	pH	
RELEASE W20 S		7 - 9

⁽¹⁾ N. 2 RV; 20 RPM

Handling

Quantity to apply depends on substrate porosity: from 2 to 3 g dry/sqm (on coated paper we suggest 2 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. However

results are good (but inferior) also at lower temperatures. Ageing properties are excellent.

Packaging

RELEASE W 20 S is supplied in 200 l plastic drums or 1000 l tanks.

Storing

Keep material at temperatures between +5°C and +40°C, avoid direct sunlight. When stored for over one month it is necessary to stir product for 10 - 15 minutes before use. Shelf life is 3 months.

Notes

Product can be supplied in two higher TS versions:
RELEASE W30 S (30%)
RELEASE W40 S (40%)
Viscosity can be increased, according to the coating system used.