

Release W 40 HA81

(Provisional)

Description

RELEASE W 40 HA81 is a water-borne release agent, based on synthetic acrylic polymers compounded with additives, capable to grant very high water repellency to the film.

Application

RELEASE W 40 HA81 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	%	40±1
3. Brookfield Viscosity 25°C	mPa.s	600 - 1,200 ⁽¹⁾
8. pH Solvents	pH	7.5 - 10 water

⁽¹⁾ N. 2 RV; 20 RPM

However, results are good (but inferior) even at lower temperatures. Ageing properties are excellent.

Packaging

The product is supplied in iron drums (200 kg); IBC containers (1080 kg).

Storing

Despite a good freeze-thaw stability, keep material preferably at temperatures between +5°C and +40°C; avoid direct sunlight.

The product tends to stratify, so it must be stirred slowly for 10 - 15 minutes before use.

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

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. The product 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.