

Release W 40 S2

Description

RELEASE W 40 S2 is a water-based release agent based on synthetic polymers.

Application

RELEASE W 40 S2 is designed as a release agent for porous substrates (Kraft paper, masking papers, non-wovens, fabrics), in contact with hot-melt and natural rubber adhesives.

Technical Specifications

| Method of analysis | MU | Standard |
|---------------------------------|-------|---------------------------|
| 1. Total Solids | % | 40±1 |
| 3. Brookfield Viscosity 25°C | mPa.s | 500 - 1500 ⁽¹⁾ |
| 8. pH Solvents | | 8 - 9 water |

⁽¹⁾ N. 2 RV; 20 RPM

Packaging

The product is supplied in iron drums (200 kg); IBC containers (1000 kg).

Storing

Despite a good freeze-thaw stability, keep material preferably at temperatures between +5°C and +40°C. Avoid storing in 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).

Handling

Quantity to apply depends on substrate porosity, normally from 1 to 3 grams dry/sqm. Coating technologies: Meyer bar, reverse roll, roto-gravure, air knife.

Product can be thickened with acrylic thickeners, or diluted.

We recommend to dry the coating, by heating for a few seconds at 150°C, so that after crosslinking it achieves the highest properties of releasing and hydrophobicity. However, results are still good (although inferior) even at lower temperatures. Ageing properties are excellent.