



RELEASE W40 GB52 LV

(Provisional)

Description

RELEASE W40 GB52 LV is a water-based compound made from acrylic dispersions modified with various special release agents.

Application

RELEASE W40 GB52 LV is a moderate-release agent recommended for hot-melt and solvent-based pressure-sensitive adhesives. It is used on porous substrates, such as kraft paper for masking tapes, to provide release properties upon contact with pressure-sensitive adhesive materials.

Technical Specifications

Method of analysis	UoM	Standard
1. Total Solids	%	40 ± 1.5
3. Brookfield Viscosity 25°C	mPa.s	30 ÷ 100
8. pH		8 ÷ 9

Handling

It is applied to Kraft paper using a Meyer Bar, Reverse Roll, Roto Gravure, or Air Knife, possibly after dilution or thickening with acrylic thickeners. The amount to be applied varies considerably, depending in part on the porosity or roughness of the substrate: generally, 1 to 3 g/m² dry weight is used.

After drying, the system cross-links; this process is optimized when a temperature exceeding 150°C is reached for a few seconds.

The film's aging characteristics are considered excellent.

Packaging

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

Storing

Store the material at temperatures between +5 and +40°C, despite its high freeze-thaw stability.

The product tends to separate, so we recommend mixing it with a slow stirrer for 10–15 minutes before use.

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