

Release W40 GB1 LV

Description

RELEASE W40 GB1 LV is a water-based release agent based on acrylic polymers added with special releasing agents.

Application

The product has been designed as a release agent for porous substrates, like Kraft paper, and it gives excellent release and unwinding properties.

RELEASE W40 GB1 LV is suggested for hot-melt and solvent based pressure sensitive adhesives.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	40±1
3. Brookfield Viscosity 25°C	mPa.s	30 - 100 ⁽¹⁾
8. pH Solvents	pH	8 - 9 water

⁽¹⁾ No 1 RV; 100 RPM

Handling

The quantity to apply depends on the substrate porosity, but it is from 1 to 3 g dry/sqm.

Methods: Mayer bar, Reverse Roll, Roto gravure, Air knife.

It can be either thickened (acrylic thickeners) or diluted (water).

During drying it is advised to heat the product for a few seconds at 150°C in order to achieve the highest properties of releasing (there is a process

of self-curing)
Ageing properties are excellent.

Packaging

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

Storing

Keep material at temperatures between +5°C and +40°C, avoid direct sunlight/freezing.

It is necessary to stir slowly the product for 10 - 15 minutes before use.

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