



Release W 40 GB4

Description

RELEASE W 40 GB4 is a waterborne release agent based on acrylic polymers added with special releasing agents. RELEASE W40 GB4 LV is the low viscosity version.

Application

RELEASE W 40 GB4 has a limited release power: it has been developed for hot-melt adhesives. It can be used on porous substrates, like Kraft paper for masking tapes.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	39±1
8. pH Solvents	pH	7 - 9 water
3. Brookfield Viscosity 25°C	mPa.s	
RELEASE W40 GB4		200 - 500 ⁽¹⁾
RELEASE W40 GB4 LV		30 - 100 ⁽²⁾

⁽¹⁾ No 1 RV; 20 RPM

⁽²⁾ No 1 RV; 100 RPM

Handling

The quantity to apply depends upon the substrate porosity, usually 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).

We recommend heating the product for a few seconds at 150°C during drying to activate a self-curing process that will achieve the highest release power.

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.

When stored for over one month, 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).