



Release K100 DM

Description

RELEASE K 100 DM is a synthetic polymer with high molecular weight in a 100% solid form. When in solution, it is a very efficient release agent for polyolefins and substrates with low melting point, coated with natural rubber, synthetic rubber or acrylic adhesives.

It has a very good solubility in aromatic solvents (toluene, xylene).

Product appearance: White to light yellowish fine powder.

Application

RELEASE K 100 DM can be used on corona treated as well as on untreated film. Concentrations range from 0.5% solid to 3% solids depending upon film, coating equipment and desired release concentrations.

RELEASE K 100 DM is soluble in aromatic and aliphatic solvents at temperatures above 35°C. Recommended aromatic solvent is toluene, while for aliphatic solvents we recommend octane/ethanol or heptane/isopropyl alcohol at 3/1.

In order to achieve a continuous and homogenous coating it is absolutely necessary that the solution is kept at a temperature above 35°C during the whole process.

Handling

Slowly add **RELEASE K 100 DM** to solvent and stir continuously at a temperature between 35 and 50°C.

Handle with care since the solvent is flammable.

Packaging

The product is supplied in fibre drums (20 kg).

Storing

RELEASE K 100 DM in 100% solid form can be stored safely at almost any temperatures below its melting point. In solution, it must be stored at temperatures not below 25°C to prevent gelification. In case of partial or total solidification, store the product in a heated place and stir it well at a temperature between 35°C to 50°C before use. The product will return as fluid as before. Do not coat if liquid is not completely clear or if gelification occurred.

Use within 24 months from production date (unopened and in the original packaging).

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	99±1
5. Melting Range	°C	75 - 85