Release K100 DI

Description

RELEASE K 100 DI is a synthetic polymer with high molecular weight in a 100% solid powder form. When in solution, it is a very efficient release agent for polyolefins and substrates with low melting point (PE, PP, PVC, PET), coated with natural rubber, synthetic rubber and/or acrylic adhesives.

The product does not contain silicone components.

Product appearance: White to light yellowish fine powder.

Application

RELEASE K 100 DI can be used on corona treated as well as on untreated films. Concentration ranges from 0.5% solid to 3% solids, depending upon film coating equipment and desired release effect.
RELEASE K 100 DI 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.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	99±1
5. Melting Range	°C	78 - 90

Handling

Slowly add **RELEASE K 100 DI** 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 DI in 100% solid form can be stored safely at almost any temperature 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 occured.

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

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Above information is reliable, but does not constitute warranty.

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