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STOIL WE

Description

STOIL WE is an emulsified product for weaving easily in Starlinger type machines to produce propylene and polyethylene based big-bag and sacs .It is provided with the Food Codex Report required for raw materials used for the production of bags destined for food packaging (flour, sugar, rice, etc.). It conforms to FDA 178.3620 requirements.

Properties Advantages

- Excellent resistance to bacteria growth and bad smell.
- Forms with water, preferably demineralized, a stable emulsion extremely resistant to thermal and mechanical degradation.
- Specially recommended for use in Starlinger type machines.
- Ensures proper printing and lamination of the woven and other fabric type bags, particularly big-bag.
- Prevents the corrosion of rollers and other parts of the machines.
- Prevents accumulation and/or clogging on machinery equipment thus minimizing maintenance costs.
- Due to its inherent environment friendly nature it does not cause any skin irritation to the personnel coming into direct contact with the product.

Application

- STOIL WE provides highly stable emulsions with water in 4 to 5 % concentration for propylene and polyethylene based Big-Bag and Column Production.
- The machinery types used for this application and per case recommended concentration rates can be found in the table here below:

Machinery Type	Recommended concentration of STOIL WE %wt
H.D.N 4-6	4
H.D.N 8	5
SL/ 4- SL/6	4
SL/61-62	4.5
SL/8	5
Tori, Taiwan, Lenzing	4
Tight Weaving Machines	4

STOIL WE may be used as releasing agent at production process of hygienic papers such as paper towel and napkins. It is directly admixed in the paper pulp or sprayed on the rollers.

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Instructions For Use

To prepare a fresh emulsion with **STOIL WE** the water should be chosen carefully (demineralized water is preferable in all cases) and the emulsion tank should be thoroughly cleaned. Both factors are contributing to an effective long life emulsion. When preparing a new emulsion **STOIL WE** should be added into the water under continuous agitation.

Storage

Store and keep **STOIL WE** away from exposure to direct sunlight and protect from frost. Ideally, store in sheltered area at ambient temperatures between 5°C and 50°C

Technical Properties

Property	Test Method	Typical Values
Color, ASTM D 1500	ASTM D1500	L0.5
Density at 15 °C g/cm ³	ASTM D 4052	0.844 – 0.860
Flash Point (COC), °C	ASTM D92	min. 200
Viscosity at 40 °C , mm ² /s	ASTM D445	24-27
Refractive Index at 20°C	ASTM D1747	1.462 – 1.475
FDA 178 36 20	FDA	(a)
Emulsion Stability (Concentration 5%)	Water % Emulsion %	Oil %
After 5 minutes	0 100	0
After 12 hours	0 99.7	0,3

** The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modification is reserved.*

Health & Safety

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet.

Packaging

180 kg steel drums and 18 kg metal containers

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