
PALAYESH PARAFFIN KHAVARAN

PRODUCT DATA SHEET

PRODUCT GROUP	WAX EMULSION	PRODUCT NAME
WAX EMULSION	GRADE WE	GRADE WE

PRODUCT

Palayesh Paraffin Khavaran **WAX EMULSION** is a dispersion of solid wax particles in a continuous phase of water which provide a useful means of delivering wax to a product.

APPLICATION

Wax emulsions are used in the manufacture of paper, paperboard and boxboard.

Wax emulsions are used in the production of insulating board, curing, hardboard and particleboard in the building products industry.

Wax emulsion is used in woodworking industry to protect wood boards (Particle Board, MDF, OSB) from water.

Wax emulsion has anti-dust effect which is important while boards are sawing up or grinding.

Application of wax emulsion makes the plate surface smoother and softer which more than twofold increases the operating time of the grinding belt.

Small particle size (about 1-5 micron) contributes to better paraffin wax penetration into the PRODUCT and provides more efficient hydrophobization and other properties needed to achieve.

PACKING

Khavaran Paraffin offers a full range of paraffin wax EMULSION in a variety of packaging formats. These include: bulk liquid (via tank truck or railcar), and brand new or used drums.

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CHARACTRESTICS	UNIT	TYPICAL
Appearance	-	Liquid of yellow-white color, without mechanical inclusions
Acidity	pH	5 — 9
Brookfield viscosity at 20°C mPa·s	-	50 — 400
OIL CONTENT	WT%	53 ± 1
Oil fraction flash point, °C, not less	-	280
Density at 20°C	g/sm3	0,93 – 0,97
Solubility in water	-	without limits, no needs to water preparation
Type	-	Anionic and nonionic emulsion
Centrifugal stability	-	without splitting
Glue and resin compability	-	good
Stability while pumping	-	good

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