

Technical information

Defoamers Chemical

Anti-Foam Agents

Rockdefoam PDF 6004 is a new generation of flake form of refined paraffin wax based defoamer which used in paper industry.

Properties:

Appearance: Flakes

Color: White to off white

Ionity: Nonionic

Solubility: Milky white emulsion when mixed in hot water at 60 °C.

Alkalinity: 2.3 to 3.1 % as KOH

Acid Value: 12 to 20 mg as KOH/gr.

Packing: 22 kg's Net in Paper Bags

Rockdefoam PDF 6004

Applications & Recommendation

Rockdefoam PDF 6004 is 100 % active grade of defoamer in flake form. Rockdefoam PDF 6004 is first such innovative and effective kind of defoamer grades in the market. It is dispersible in water at temperature of 60 to 65 °C, under good mixing.

Rockdefoam PDF 6004 is used as defoaming agent mostly in premium quality papers and is suitable in treating both cylinder and fourdrinier machine systems. It is suitable in both acid and alkaline pulp mills.

It is recommended to use 2.0 % solution. The solution should be prepared by adding about 25 % water first under mixing and warming to 60 °C. After proper dissolution final concentration is obtained by addition of water. Rockdefoam PDF 6004 is very good dispersible in water when the procedure as mentioned is used. This avoids any quality problem on the paper and also will not tend to fill up the felts.

The most economic and effective point of addition is right ahead of the spot where foam is generated and troublesome.

Dosage: Dosage will vary with individual mill condition but normally 0.5 to 0.8 Kg of Rockdefoam PDF 6004 is required per ton of pulp to knock down the foam in the system and to improve flow and sheet formation.

NOTE: According to our best knowledge and technical experiments, the above data is true and accurate. Regarding to variety of consumption procedures, it is recommended to evaluate the information before use.

