

Technical information

Defoamers Chemical

Anti-Foam Agents

Rockdefoam PDL 6003 is water based - oil free and silicone free defoamer for Pulp mills, paper machine and wastewater.

Rockdefoam PDL 6003 is easily dispersible defoaming agent and has gained wide acceptance for its economic performance due to high foam knock down properties and its stability where moderately hard water is a problem.

Properties:

Appearance: Smooth fluid paste

Color: White

Ionity: Nonionic

Solubility: Milky white Emulsion

Alkalinity: 2.3 to 3.1 % as KOH

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

Packing: 170 Kg's Net in Close Mouth MS Drums or
170 Kg's net Close mouth HDPE carboys or 850 Kg's in
IBC

Rockdefoam PDL 6003

Applications & Recommendation

Rockdefoam PDL 6003 is a thin fluid paste and is not adversely affected by moderate hard water. The product is easily dispersible in water. Widely used in troublesome mill systems where it has an outstanding record whether applied as a stream of dilute emulsion at any point in the system or by spray onto the wire of fourdrinier machine. Very good knock-down and low persistence makes this suitable for deink and highly effective for screen room, paper machine and wastewater. It doesn't tend to emulsify later downstream, so has minimal interference with the end product or process. It also is effective in demanding hot alkaline process applications such as Kraft pulp washing. Very effective paper machine defoamer and paper stock deaerator. It is very persistent therefore one addition point normally gives good foam control throughout the system. Rockdefoam PDL 6003 has minimal impact on sizing or paper strength when used at normal addition levels.

Rockdefoam PDL 6003 will improve the sheet formation as a better fiber distribution is obtained and foamspots are eliminated

Dosage : Dosage will vary with individual mill condition but normally 0.8 to 1.0 Kg of Rockdefoam PDL 6003 is required per ton of pulp to knock down the foam in the system and to improve flow and sheet formation. Rockdefoam PDL 6003 can be dosed directly into the system from the shipping containers by means of a chemical metering pump or it can be dispensed by means of drip-feed devices or suitable containers. For best results, the product should be added at a point of good agitation to ensure uniform distribution.

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.



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