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Aquaprint 400R

Aquaprint 400R is a Sodium Polyacrylate Textile Printing Thickener.

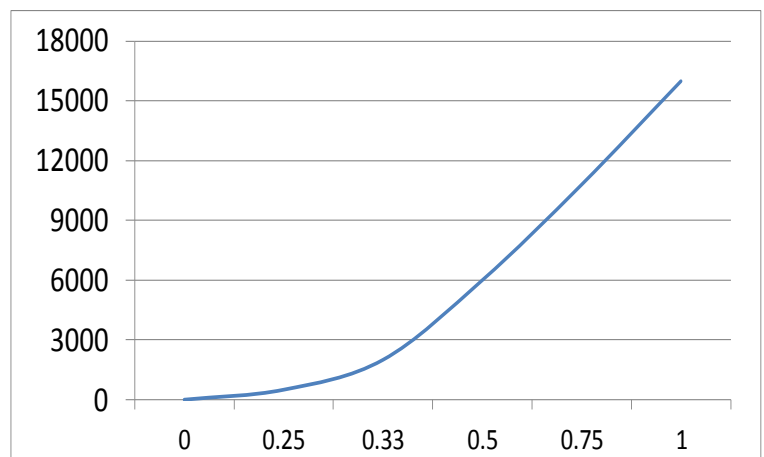
Printing

Aquaprint 400R has been used for many years to print Reactive, Vat, Azoic, Acid and Disperse dyes onto textiles. It offers an economical alternative to the more expensive natural gums. Due to the Sodium salt, it is more easily removed than Ammonium Polyacrylate and can be used in combination with Guar and Alginate to both improve color yield and reduce cost.

Aquaprint 400R is excellent for back thickening color made from natural gum.

Aquaprint 400R consists of a polymer in an oil phase and it is necessary to mix the product with sufficient shear to emulsify the oil phase and generate the inversion of the thickener. The product will thicken very rapidly with the correct shear. It is possible to add the Aquaprint 400R to warm solutions but we recommend adding it cold.

Efficiency



In domestic tap water 1.2% Aquaprint 400R will produce ~20,000cps.

In a 1% salt solution twice this amount may be required.

Typical uses

- Printing Acid dyes
- Printing Disperse dyes
- Printing Reactive dyes
- Printing Vat Dyes
- Printing Azoic dyes.

Characteristics

- Appearance off White liquid
- Ionic Character Anionic
- odor hydrocarbon
- pH 6-7

Applications

- Textile print thickener

Packaging and Product Form

- 450lb Drums
- 2300lb Totes