

## Product Data

### INDOSTRENGTH D15/AP

*Dry Strength Resin*

#### DESCRIPTION:

**INDOSTRENGTH D15/AP** is an amphoteric PAM product specifically designed for the paper industry to impart dry strength to paperboards to enhance properties such as burst, tensile, and flatcrush (Concora).

**INDOSTRENGTH D15/AP** has higher molecular weight and narrower distribution of molecules than conventional PAM.

**INDOSTRENGTH D15/AP** improves not only dry strength properties but also freeness, retention properties.

**INDOSTRENGTH D15/AP** is stable and can perform well in the following conditions:

1. Wide pH range
2. Closed system
3. Wide range of dosage (small to large)

**INDOSTRENGTH D15/AP** should be added to the stock at a point where good mixing is assured (e.g. machine chest) in order to fully dispersed in the pulp slurry.

**INDOSTRENGTH D15/AP** could also be added in the headbox or fan pump to obtain higher freeness.

#### TYPICAL PROPERTIES:

Appearance	Slightly hazy to clear viscous liquid
Viscosity(cps at 25°C)	< 3000
pH, neat	4.0 – 6.0
Solids content %	15 ± 0.5
Shelf life	6 months max

#### APPLICATIONS:

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Dosage depend requirement of strength but recommended 0.5 - 2% per ton dry paper.

#### HANDLING AND TOXICITY:

The product should be stored in a cool dry place. Storage tanks and piping should be constructed of FRP, PVC and PE or other corrosion-resistant materials. Do not use steel materials.

Although **INDOSTRENGTH D15/AP** is essentially non-toxic, proper plant housekeeping procedures should be maintained and intimate contact with the product avoided. Proper protective equipment must be worn at all times. When spilled, the product can be very slippery.

#### PACKAGING:

**INDOSTRENGTH D15/AP** is packed in a tote bin of 1000 kgs. net or in plastic drums of 200 kilos net.

#### Office / Factory :

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