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## **EPOMINE-WSD**

### **(Wet Strength Agent)**

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EPOMINE-WSD is a cationic resin made by PAE (Polyamide-Polyamine-Epichlorohydrin Resins) in order to increase wet strength for all papers such as wall, label, map, towel, liner, kraft, tissue papers and so on. In addition pH range is wide, so this is suitable any papermaking condition, acid or neutral process.

#### **[Specification]**

Appearance : Yellowish transparent liquid	Main Component : polyamide -polyamine
Solid (%) : $12.5 \pm 1.0$	pH : $3.5 \pm 1.0$
Viscosity : 100 cPs below	Ionic Charge : Cationic
Solubility : Soluble in water well	Shelf life for Storage : 6 months

#### **[Characteristic]**

1. Improvement of dry and wet strength.
2. Good fixing effect for cellulose, filler, sizing agent.
3. Reduce dust occur on the printing process.
4. Excellent effect high wet-strength requirement paper, little foaming at use time.
5. Extension of felt life.
6. Dry and wet strength is improvement by resin-fiber bonding, and improvement dispersibility of long fiber.
7. This product is cationic, so improves retention of fines, filler and sizing agent (AKD). Due to improving drainage time, you can save the cost of retention of paper chemicals.
8. EPOMINE-WS doesn't have hazard formaldehyde, which bring out UF or MF, so you can use this for food and medical paper.

#### **[Applications]**

1. Possible using either undiluted solution or diluted 10~100 times solution.
2. Dosage of EPOMINE-WS is 0.2 ~ 1.2% (solid) to pulp by using method and product quality.
3. The dosage point is good place for mixing such as mixing chest or machine chest and head box.

#### **[Packing and Storage]**

1. Packing unit : 200kg PE Drum, 1000kg Chemicon.
2. Please store in 4 ~ 30℃ not to be frozen in winter season.
3. Please avoid direct sunlight in case of storage for long time and use this product in order of warehousing.



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