

# Technical Data Sheet

## Eastman™ AWI-5010 Polymer

### Applications

- Inks

### Key Attributes

- Alcohol/water solubility
- Excellent anti-blocking ability
- Excellent heat resistance
- Fast solvent releasing and drying
- Good pigment dispersing ability
- Good printability
- Low odor

### Product Description

Eastman AWI 5010 polymer is a free-flowing powder with low odor, low color, and high hydroxyl content. It is fast dissolving in ethanol/water, has good water tolerance for reducing static electricity and fire risk, and is compatible with many ink resins (e.g. polyurethane, acrylic) and solvents (e.g. ester, ketone, ether). It has good organic and inorganic pigment dispersing to bring high tint strength for ink. It has high Tg to provide heat resistance and anti-blocking ability.

### Typical Properties

Property	Typical Value, Units
<b>General</b>	
Free-acidity	<400 ppm
Moisture Content	3.0 max %
Viscosity <sup>a</sup>	3 s
	3 cP

<sup>a</sup>Viscosity determined by ASTM Method D 1343. Results converted to poises (ASTM Method D 1343) using the solution density for Formula A as stated in ASTM Method D 817 (20% Cellulose ester, 72% acetone, 8% ethyl alcohol).

### Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

*Eastman and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.*

7/2/2019 4:08:17 PM