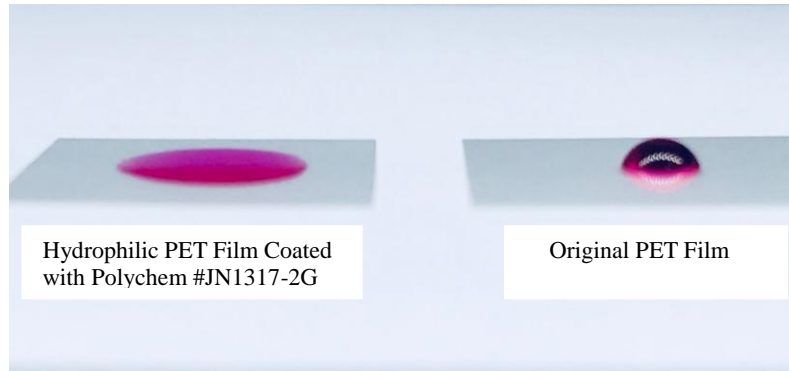




POLYCHEM UV/EB INTERNATIONAL CORP.

Super Hydrophilic Film for Bio-Sensors



POLYCHEM® # JN1317-2G-PET is a single side coated hydrophilic polyester film, developed by the latest coating technologies. It significantly increases the spreading speed of body fluids in very tiny channels of bio-sensors, such as bio-chips and blood glucose strips. In addition, the film's surface has excellent wetting power, and its hydrophilic performance is much more stable than other regular hydrophilic films commercially available.

Applications:

Manufacturing bio-electrodes, bio-chips, bio-sensors, blood glucose strips, microfluidics

Product Advantages:

- › Highly hydrophilic to liquids, such as water, blood, urine, etc.
- › Excellent spreading speed.
- › Clear and transparent.
- › Single side coated.
- › Excellent stability and long shelf life.
- › Hydrophilic performance will not be affected by environmental humidity during storage.
- › Very fast spreading speed and highly hydrophilic > 6 mm Ø @ 3µl.
- › Increase response speed, accuracy, and sensitivity of the bio-sensors.

Physical Characteristics:

Appearance: transparent films with a protective liner

Dimensions: 1,080 mm (max. 1,200 mm) x 330 m (max. 1,000 m)

Film Thickness: 75 microns, 100 microns. Other film thicknesses can be specified.

Storage Condition and Shelf Life:

A dark place, 10~25C, min. 30 months from the manufacturing date.

Polychem reserves the right to change its products and Services without notice. Polychem makes no warranty, express or implied, concerning any product or the merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided.

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