





# HOSTAPHAN®

Roll widths and lengths on request. Core diameter: 152.4 mm (6")

## UV stability

Due its stabilization Hostaphan® WIN is extremely UV stable. Hostaphan® WIN had been exposed to artificial weathering in a QUV device for 10.000 h so far (conditions see below). After this time Hostaphan® WIN did not fail mechanically (less than 5 % elongation at break) and is expected to survive significantly longer than this. During this time Hostaphan® WIN showed a marginal increase of 3.5 units in  $b^*$  (CIE) and no change in  $a^*$ . Hostaphan® WIN lost app.12 units of whiteness according to Berger during weathering so far.

## Weathering conditions (adopted according to DIN EN ISO 4892-3:2006):

Device: QUV/spray from Q-panel (UV fluorescence lamp)

Test cycle:

- a. 4 h UVA irradiation at 60 °C (black panel temperature)
- b. 5 min water spray while irradiated
- c. 4 h condensation at 50 °C
- d. back to a

Irradiation intensity = 0.89 W/m<sup>2</sup>/nm at 340 nm (UV-A)

All data applies for the film only. Any final product has to be tested separately.

The properties shown in this technical data sheet only apply to the film itself. We cannot guarantee the properties of an intermediate or final product made from or using the film. Instead, the intermediate or final product must be subjected to standard industrial testing.

This data sheet reflects our state of knowledge at the time this was prepared. The purpose is to provide an overview of the characteristics of our products and their potential uses. The values given reflect the typical characteristics of the film. They are not specification limits. They are neither a guarantee of specific properties nor the suitability of products in specific applications. The user must observe industrial property rights, such as patents or trademarks. The quality of our products is covered by the terms of the General Conditions of Sale of MITSUBISHI POLYESTER FILM GmbH.

Edition 07/16



 MITSUBISHI POLYESTER FILM GmbH

Kasteler Str. 45 • 65203 Wiesbaden/Deutschland • Tel.: +49 611 96203 • Fax.: +49 611 9629357