

Everad[®] FPE 2080.0 & FPE 2080.1

Thermoplastic film

Description

Usage:

This adhesive film is suitable for bonding textiles, foams and Dyneema. Preliminary tests are necessary for other materials. Before any use, please check by tests that the product is well adapted to the desired use.

Processing:

Can be processed with all established calendering, lamination and bonding techniques except high frequency welding.

Safety:

Please observe the instructions on the safety data sheet.

Product data

Base:

Thermoplastic adhesive film based on modified polyolefines.

Colour:

Slightly opaque.

Smell:

Odorless prior to processing.

Density: (DIN 53479)

0.94 g/cm³.

Melting range: (Kofler bench)

80-90 °C.

Melt flow rate: (DIN ISO 1133)

6-9 g/10 min (190 °C / 21.2 N).

Heat deflection temperature: (internal test Everad)

75 °C.

Washing resistance: (in accordance with DIN 53920)

40 °C.

Dry cleaning resistance: (internal test Everad)

Yes.

Storage:

Do not store below 0 °C (32 °F) or above 40 °C (104 °F). Store in a cool, dry place away from direct sunlight. Under appropriate storage conditions at least 1 year after delivery.

Delivery form:

Slitted or unslitted film without carrier.

Application data

Temperature range:

Avoid temperatures above 220 °C (430 °F).

Minimal bonding line temperature:

90 °C.

Disposal:

Dispose of according to local and national regulations, e.g. dispose of preferably in an incineration plant suitable for plastics.

Requirements

Chemical resistance:

Resistance to PVC plasticizers: none.

Guarantee

We guarantee the consistency and faultless quality of this product, manufactured in accordance with ISO quality standards, which has been developed on the basis of our long-standing experience with the recommended applications under the specified conditions. Material, processing, and application conditions may significantly influence product properties. Pre-application tests by the user are therefore essential. For non-specified applications or deviations in application conditions, we recommend that our technical support service be consulted first. Our general sales and delivery terms and conditions shall apply.