



## TECHNICAL DATA SHEET

Dated  
June 2022

Revision n.  
0

# IVYMELT TE 3480

### PRODUCT DESCRIPTION AND

New generation hot-melt adhesive developed for perfect binding, even with a single tub and backing of milled and/or sewn volumes.

Product features are:

- Excellent runnability
- High resistance to oxidation; does not produce carbon residues inside the melters
- Absence of fumes and odours
- Flexible back even at low temperatures
- Reduction of the applied quantity.
- Also suitable for digital printing

PROPERTIES	U.M.	VALUES
Shape		grains – prills
Colour		T: translucent W: white
Softening point (ASTM E28-DIN52011)	°C	110 ± 5
Brookfield viscosity	mPa.s	4.500 ± 750   170°C
(Thermosel system - ASTM 3236)	mPa.s	8.500   150°C
Open time (internal method)	sec	medium to long
Setting time (internal method)	sec	medium
Recommended use temperature (*)	°C	150 ÷ 180
Application systems		wheel - roller

(\*) However, it is not forbidden to work even outside this range ( $\pm 10^{\circ}\text{C}$ ) with equally optimal results; however, this exception should not be considered normal but appropriately evaluated and recommended by us, in order to guarantee the final result anyway.

### PACKAGING & STORAGE

Bags of 20 kg. Other formats to be agreed.

**IVYMELT TE 3480** remains unchanged for at least 12 months stored in the original bags, closed and at room temperature, away from heat sources, direct sunlight, dust and solvents.

### EMMEBI INTERNATIONAL SPA

#### Headquarters

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#### Packaging Plant

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MB  
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## ATTENTIONS

Do not leave the product for a long time at temperatures above 190 ° C. In case of prolonged machine downtime, reduce the temperature of the equipment by 30 - 40 ° C to avoid carbonization processes of the product.

*Do not mix with other products. Do not use improperly.*

To clean systems, trays, melters, pipes, nozzles, coating heads, we recommend using our hot-melt cleaner **IVYMELT SC-09**.

For the cleaning of COLD metal surfaces, it is recommended to use our cleaner **PULITORE SC-07**.

Consult the product safety data sheet before use.

This information is based on our knowledge and experience, however accurate and precise it is to be considered purely indicative and does not imply any responsibility on our part with regard to its use by the customer, it implies an implicit or explicit guarantee regarding the " use of the product for any application; the adhesive must be evaluated in the real application conditions, by carrying out production tests and use tests of the glued product, in order to evaluate the satisfaction of all the requirements of the specific application, also with regard to the health and safety of operators and final consumer. Tests should be repeated whenever process conditions and / or materials are changed or if the same materials come from a different source of supply.

**For anything not covered by this technical data sheet, please refer to our general conditions of sale, and to our technical assistance service.**

Since the use of our product is carried out outside our control, the buyer fully assumes the risk of direct and induced damage generated by the handling and use of our product both individually and in combination with other materials.

**This sheet cancels and replaces all previous versions.**

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