Frimpeks PU Hotmelt Adhesives

102258 PURPEKS 507

Product Information:

102258 is a Reactive Polyurethane Hot Melt adhesive which cross-links through air moisture.

Typical End Use & Properties

Designed for Fabric-to-Fabric, or Fabric-to-Film, or Fabric-to-Foam laminating applications.

At a Glance

Good universal product
High initial strenght
Soft and flexible adhesive joint after cross linking
Very good washing resistance

Technical Data

Color	White/Light Amber
Viscosity @ 110°C:	5.000 - 8.000 cp
Crosslinking	24 Hours

*Depending on Moisture

Recommended Application

The product has to be applied using specific equipment designed for Reactive Polyurethane Hot Melt: Melting unit (Teflon coated tanks), thermoregulated hoses and application slot nozzles or roller coater. The adhesive in the melting tank should be kept under nitrogen or dry air in order to avoid the deterioration and/or the anticipate curing.

Machine Temperature set

Melter	90 - 110°C
Feeding hoses	90 - 110°C
Application unit	90 - 110°C

Dosage

Normally 6 - 20 g/m², but up to 40 g/m², depending on the substrates.

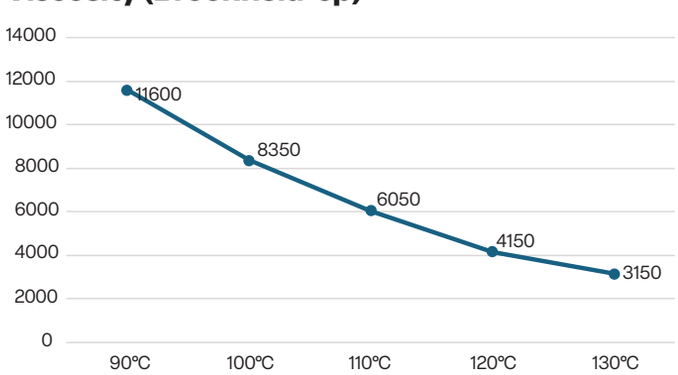
Storage

The product, stored in the well-sealed, original, containers at temperatures between 5°C and 35°C, is stable for one year.
Accurately protect against humidity.

Packaging

200 kg in aluminum packaging

Viscosity (Brookfield-cp)



Cleaning

The product contains free NCO groups that react with environmental moisture forming gels and then infusible polymer. Application equipment, such as rollers or slot nozzle where adhesives is in contact with air must be cleaned with CLEANER at the end of each working day, or anytime the line is stopped for more than 30 minutes. As long as the polyurethane reactive adhesive is not cross-linked, it can be removed using organic solvents, as well as by means of non-abrasive spatulas. Follow the instructions of the equipment supplier.

Recommendations

In adverse conditions, inks, additive and coatings, as well as other components, may react with the adhesive leading to unforeseen irregularities in laminate quality, even after some time from the manufacturing. Therefore, before starting industrial production, it is recommended to perform adequate tests to check the suitability of the adhesive system for the type of structure, as well as for the required final results. Our Technical Support service is available for providing you with all the assistance and information you might need for the correct use of our adhesive system.
Use suitable personal protective equipment during application and refer to relevant SDS for additional safety instructions.

Frimpeks Kimya ve Etiket Sanayi Ticaret A.S.
Velimeşe Organize Sanayi Bölgesi Mah. 236.sok. No:7/1 Ergene - Tekirdağ/ Turkey
T +90 282 674 5200 - frimpeks.com - regulatory@frimpeks.com

OEKO TEX® ECO PASSPORT