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## **Technical Data Sheet**

# **TECHNIPOL® PA/G**

### DESCRIPTION

TECHNIPOL® PA/G is a thermoplastic adhesive co-polyamide based of amber colour . This grade is mainly used by the automatic thermofolding machines in the footwear industry.

Thanks to its quick setting time, its good flexibility, its excellent wettability and its high adhesion to leather and to both synthetic and regenerated materials, TECHNIPOL<sup>®</sup> PA/G is the ideal adhesive for the shoe manufacturing.

Due to the wide variety of materials used in the today's footwear construction, it is recommended to run some preliminary trials in order to homologate the TECHNIPOL® PA/G.

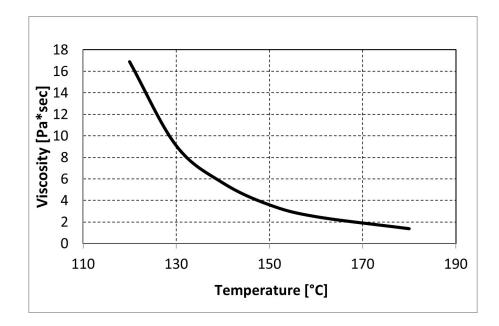
Finally, TECHNIPOL® PA/G contains more than 80% of raw materials coming from renewable resources (non-edible).

#### **TECHNICAL CHARACTERISTICS**

| PROPERTY                           |      | TEST METHOD | M.U.  | VALUE   |
|------------------------------------|------|-------------|-------|---------|
| Density                            |      | ISO 1183    | g/cm³ | 0,98    |
| Softening point                    |      | MI 13       | °C    | 110     |
| Indicative application temperature |      | -           | °C    | 130-160 |
| Viscosity Brookfield 1             | 60°C | MI 12       | Pa*s  | 2,4     |

Cone/ plate Viscometer, Model Brookfield CAP 2000+.

### VISCOSITY vs TEMPERATURE CURVE



Version N°: 3.EN

Revision n° 1

Revision date: 03/08/2022

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### PACKAGING

25 kg bags equipped with an aluminum film barrier against moisture action. 500 kg cardboard octabins equipped with an inner PE liner. 500 Kg big bags.

#### STORAGE

Product is stable for 24 months when stored unopened in its original packaging, kept in a cool and dry place and protected from light. When stocked around  $5 - 10^{\circ}$ C or below, it is recommended to keep it at  $15 - 20^{\circ}$ C for at least for 24 hours before using it.

The information provided herein corresponds to our current knowledge on date of publication. This information may be subject to review, if further experience and knowledge become available. The data reported corresponds to typical values and should not be considered as specification limits, or as a basis for design calculations. This data sheet must not in any way be construed as a license or as an invitation or permission to violate any existing patents, the existence of which must be verified by the Customer. The application, use and processing of Sipol products and the quality of the final products obtained by the customer are completely out of our control. The Customer is responsible for verifying that the material is suitable for the specific application; any data given here does not relieve the Customer from conducting appropriate checks and testing. Sipol cannot foresee all possible variations in actual end-use conditions, and therefore offers no warranty and assumes no liability in connection with any use of this information .