

 **NOVAMELT® PS 5609 N** **Product description**

Hotmelt pressure sensitive adhesive with excellent adhesion properties to various substrates, especially non-polar surfaces, and well balanced shear values.

**Suggested use**

Permanent tapes and labels with various substrates.

**Application advice**

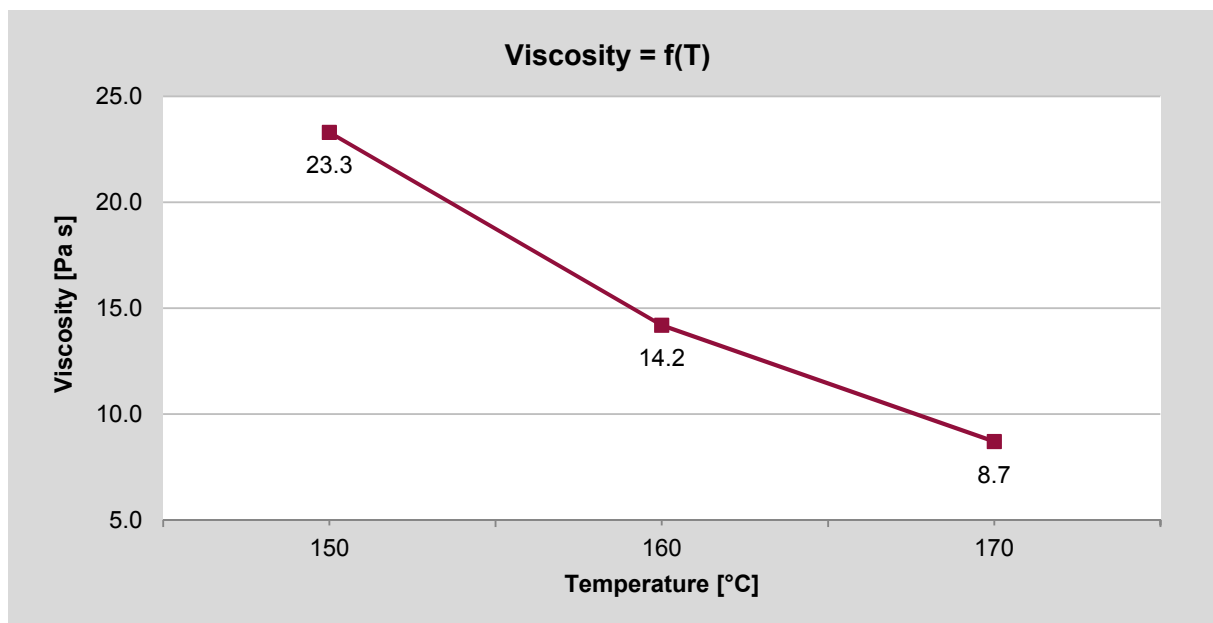
Novamelt® PS 5609 N can be coated at 150 – 170 °C.

**Physical properties**

Softening point (ASTM D36): approx. 115 °C

Color: amber

Viscosity (D= 92.7 s<sup>-1</sup>; Anton Paar MCR 300):



# ▶ NOVAMELT® PS 5609 N

## Pressure sensitive properties of a 50 g/m<sup>2</sup>-coating on 23 µm polyester film:

### 180° Peel adhesion to steel (AFERA 4001)

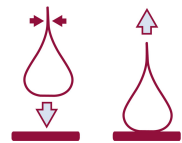
after 10 min: 35 – 37 N/inch

after 24 h: 35 – 37 N/inch



### Loop Tack on glass (FTM 9)

42 – 46 N/inch



### Rolling Ball (PSTC 6)

approx. 60 cm

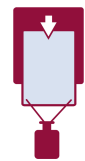


### Shear adhesion to steel (AFERA 4012)

23 °C: 40 N/inch<sup>2</sup>

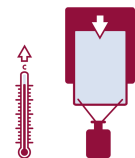
40 °C: 10 N/inch<sup>2</sup>

70 °C: 5 N/inch<sup>2</sup>



### Shear adhesion failure temperature on steel (SAFT)

0.5 °C/min; 0.5 kg/inch<sup>2</sup>: approx. 81 °C



## Packaging

4 kg, 8 kg and 20.8 kg blocks in siliconized boxes, 175 kg fibre drums

## Shelf life and storage

The product can be stored two years – starting from production date – in its original package under clean and dry conditions and protected from direct sunlight. Average storing temperature is suggested to be 25 °C or below. Storage temperature should not exceed 40 °C.

v1.0\_09/11\_DS (replaces all previous versions)

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