

▶ NOVAMELT® PS 1210 N

Product description

Hotmelt pressure sensitive adhesive with universal adhesion properties to various substrates, even at lower temperatures. Excellent die-cutting properties, recommended for die coaters.

Suggested use

Permanent labels with medium tack properties, preferably semi-freezer labels.

FDA-Status

Meets composition requirements of indirect food additives regulation FDA 21-CFR-175.105 „Adhesives“, and may stand in direct contact with dry and moist, non-fatty foodstuff (ISEGA certificate).

Application advice

Novamelt® PS 1210 N can be coated at 150 – 170 °C.

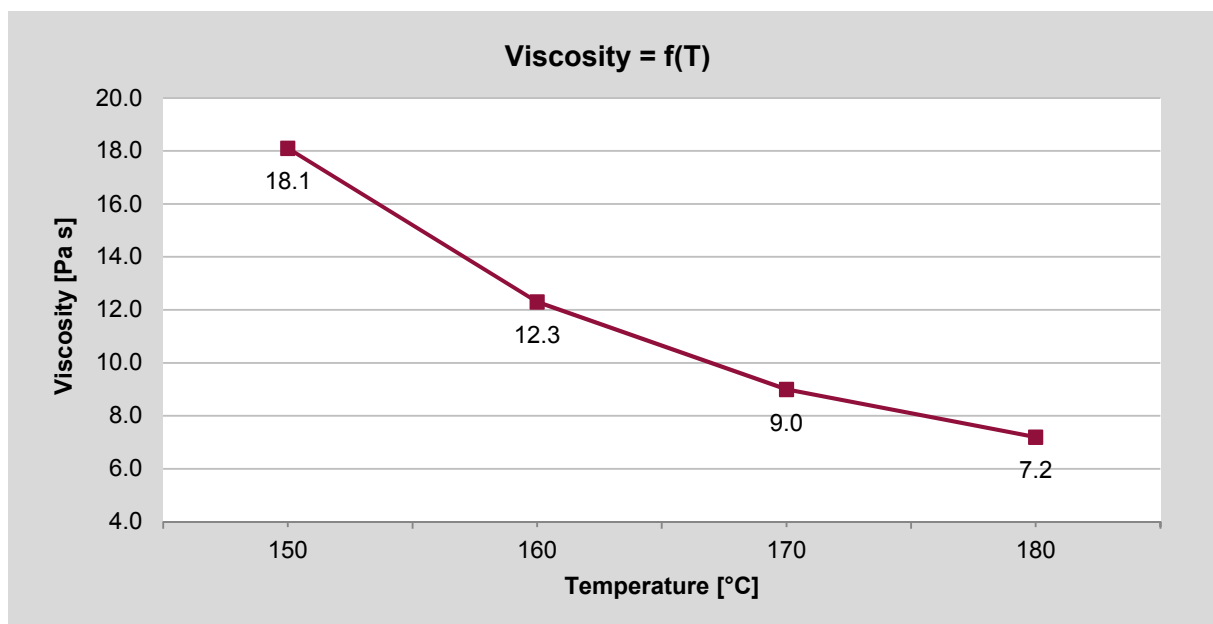
Application-temperature of the labels between 0 °C and +50 °C. Temperature resistance of the applied label from -20 °C to +60 °C.

Physical properties

Softening point (ASTM D36): approx. 99 °C

Color: beige

Viscosity (D= 92.7 s⁻¹; Anton Paar MCR 300):



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Pressure sensitive properties of a 25 g/m²-coating on 23 µm polyester film:

180° Peel adhesion to steel (FTM 1)

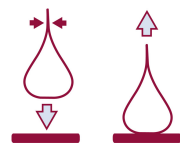
after 20 min: 15 – 17 N/inch

after 24 h: 15 – 17 N/inch



Loop Tack on glass (FTM 9)

17 – 19 N/inch



Rolling Ball (PSTC 6)

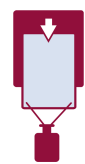
approx. 5 cm



Shear adhesion to steel (FTM 8)

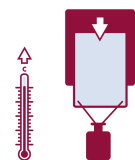
23 °C: > 24 h with 1 kg/inch²

40 °C: 2.3 h with 1 kg/inch²



Shear adhesion failure temperature on steel (SAFT)

0.5 °C/min; 0.5 kg/inch²: approx. 62 °C



Packaging

4 kg, 8 kg and 20.8 kg blocks in siliconized boxes, 190 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.

v1.2_09/11_DS (replaces all previous versions)

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