

▶ NOVAMELT® PS 5020 N

Product description

Hotmelt pressure sensitive adhesive with excellent adhesion to various substrates; recommended for roll and slot die coaters.

Suggested use

Permanent tapes; double side coated mounting tapes and films.

FDA-Status

Meets composition requirements of indirect food additives regulation FDA 21-CFR-175.105 „Adhesives“.

Application advice

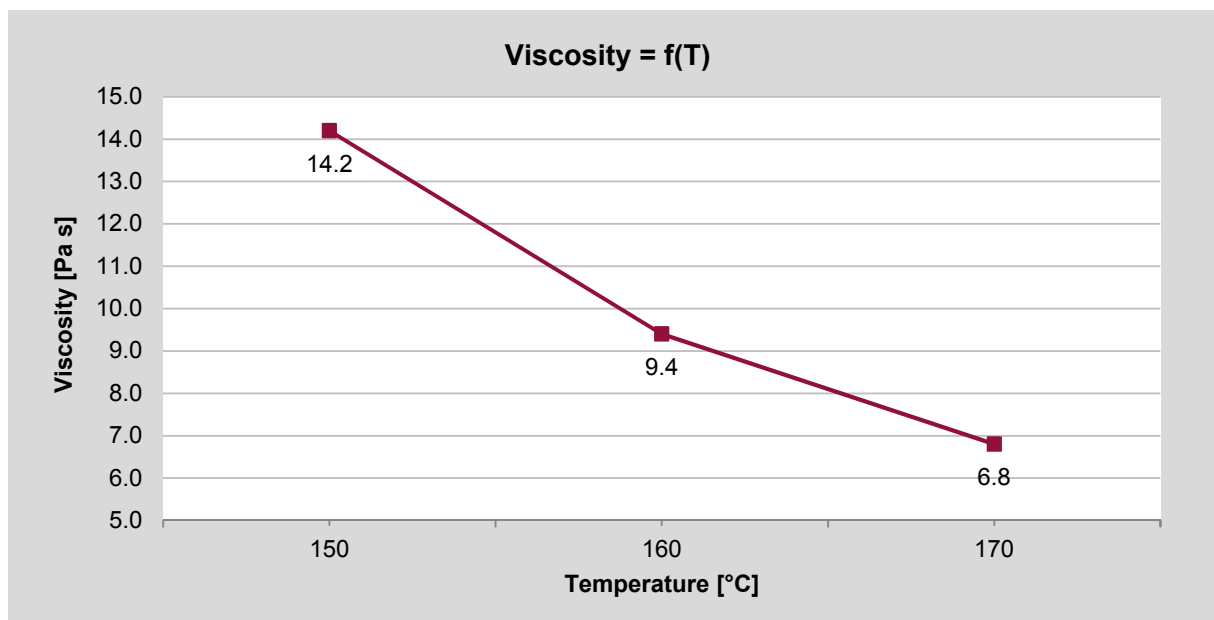
Novamelt® PS 5020 N can be coated at 150 – 170 °C.

Physical properties

Softening point (ASTM D36): 86 – 90 °C

Color: yellow/amber

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



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Pressure sensitive properties of a 50 g/m²-coating on 23 µm polyester film:

180° Peel adhesion to steel (AFERA 4001)

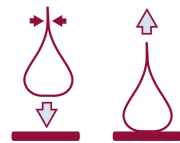
after 10 min: 33 – 35 N/inch

after 24 h: 33 – 35 N/inch



Loop Tack on glass (FTM 9)

38 – 42 N/inch



Rolling Ball (PSTC 6)

9 – 12 cm



Shear adhesion to steel (AFERA 4012)

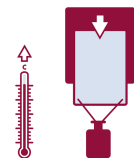
23 °C: 20 N/inch²

40 °C: 10 N/inch²



Shear adhesion failure temperature on steel (SAFT)

0.5 °C/min; 0.5 kg/inch²: approx. 65 °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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