

▶ NOVAMELT® PS 1712 CC

Product description

Hotmelt pressure sensitive adhesive, permanent type, with universal adhesion properties to various substrates; developed for contactless coating equipment (curtain coat), contact coating is also possible.

Suggested use

Permanent coatings and laminations of paper and/or film substrates for flexible packaging and labels, especially "No label look".

Application advice

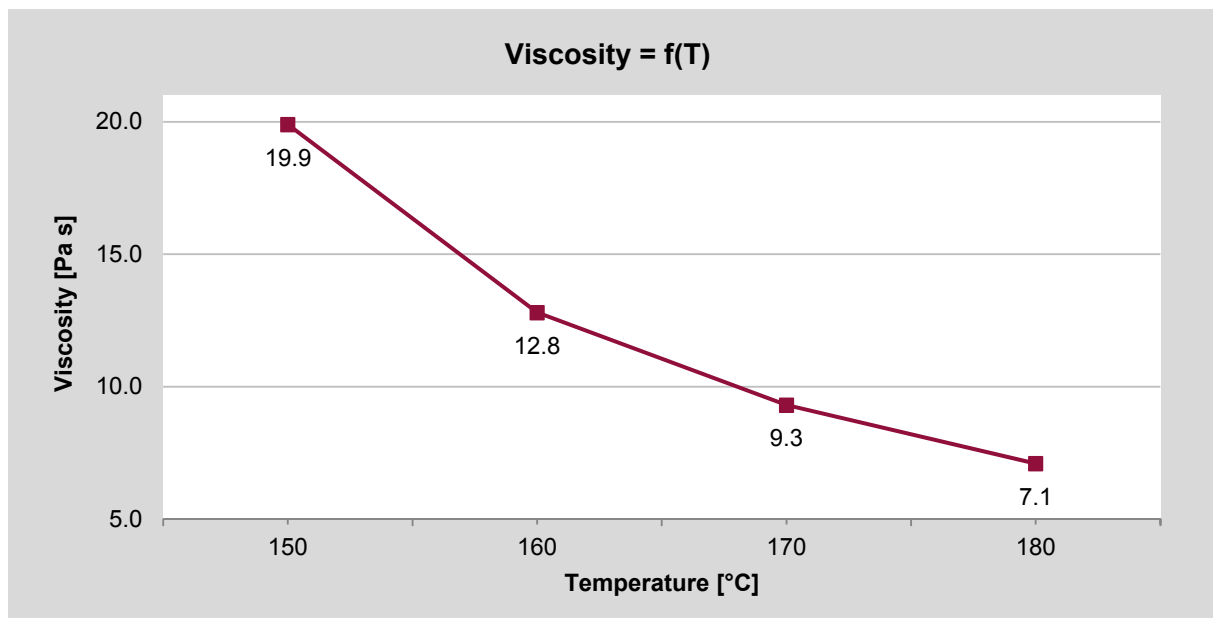
Novamelt® PS 1712 CC can be coated at 140 – 160 °C, with curtain coat-technology at 120 – 130 °C.

Physical properties

Softening point (ASTM D36): approx. 104 °C

Color: slightly yellowish

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)

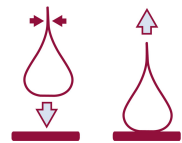
after 20 min: 12 – 14 N/inch

after 24 h: 12 – 14 N/inch



Loop Tack on glass (FTM 9)

24 – 26 N/inch



Rolling Ball (PSTC 6)

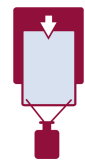
approx. 10 cm



Shear adhesion to steel (FTM 8)

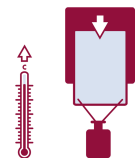
23 °C: > 24 h with 1 kg/inch²

40 °C: 3.5 h with 1 kg/inch²



Shear adhesion failure temperature on steel (SAFT)

0.5 °C/min; 0.5 kg/inch²: approx. 80 °C



Packaging

4 kg, 8 kg and 20.8 kg blocks in siliconized boxes, 180 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.

v1.1_08/11_DS (replaces all previous versions)

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