

NOVAMELT[®] PS 5584

Characteristic features:

Hotmelt pressure sensitive adhesive with excellent adhesion properties to various substrates. High shear resistance and well balanced tack properties.

Suggested use:

Permanent tapes, self adherend textile constructions, designed for the automotive industry.

FDA-Status:

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

Application temperature:

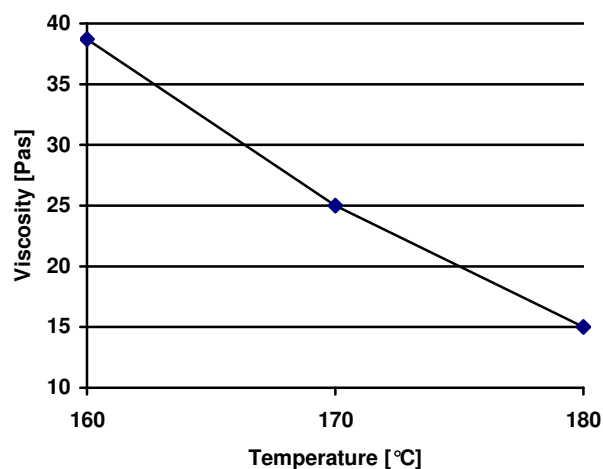
Novamelt[®] PS 5584 can be coated at 160 - 180 °C, slot die recommended

Physical properties:

Softening point 130 – 133 °C Colour: amber
(ASTM D 36)

Viscosity:

(D=92.7 s⁻¹;
Paar Physica MCR 300)



NOVAMELT® PS 5584

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

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|--|--|-------------------------------------|
| 180° Peel adhesion (AFERA 4001) after 10 min. | 24- 27 N/inch | Measured on steel |
| after 24 h | 28- 32 N/inch | |
| Loop-Tack (AFERA 4015) | 30 - 34 N/inch | Measured on glass |
| Rolling Ball (PSTC 6) | 60 - 70 cm | |
| Shear adhesion (AFERA 4012) | 40 N/625 mm ² 10 N/625 mm ² 10 N/625 mm ² | 23 °C 40 °C 70 °C |
| Shear adhesion failure temperature (SAFT) | Approx. 90 °C | 0,5 °C/min. 500 g/inch ² |

Packaging: 4 kg, 8 kg and 20,8 kg blocks in siliconized boxes,
175 kg fibre drums.

Shelf life: 2 years, starting from production date

Storage: Cool, dry and protect from sun