Tackmelt A9

Description

TACKMELT A9 is a hot-melt adhesive based on thermoplastic elastomers (SIS) and synthetic resins. Special synergic antioxidants are added to guarantee the best ageing resistance.
It shows very good tack, good peel and shear adhesion values.

Application

The product can be used at medium-low temperatures to laminate different products (foams, synthetic leathers, fabrics, non-wovens and similar).

Technical Specifications

Method of analysis	MU	Standard
4. Softening Point, Ring & Ball	°C	100 - 110
15. Appearance		amber
108. Viscosity at 170°C	mPa.s	6000 - 20000 (1)

(1) Brookfield viscometer, No 27 RV

Film properties

Method of analysis	MU	Standard
10. Peel Adhesion on Steel	N/in	31
17. Rolling Ball Tack	cm	2
96. S.A.F.T. (1)	°C	95
125. Loop Tack	N	32

(1) based on ASTM D4498-00

Average values; pilot plant coating at 4 m/min; 30±3 g/m² on PET film 23 µm, TCA-treated

Handling

TACKMELT A9 must be heated to 150-170°C with a suitable heating equipment and kept at a set stable temperature while coating (temperature changes cause a variation of the viscosity and, consequently, of the processing condition).
The best coating system is slot-die.
The product has been designed to resist to high temperatures, but it is preferable to avoid thermal shocks.

Packaging

The product is supplied in 150g pillows packed in cardboard boxes (20 kg); fibre drums (180 kg).

Storing

Keep the product at temperatures lower than +25°C. Avoid contact with dust, liquids and other contaminant agents.

Use within 12 months from production date (unopened and in the original packaging).

Notes

The product, once coated, is subject to oxidation from air and light and must be protected in order not to compromise its performance.

Shelf life of TACKMELT A9 packed in pillows is 3 months.

Shelf life of TACKMELT A9 packed in fibre drums (180 kg) is 12 months.

Build date 11 Sep 2025

Above information is reliable, but does not constitute warranty.

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