



Tackmelt 46C

(Provisional)

Description

TACKMELT 46C is a hot-melt adhesive based on thermoplastic elastomers (SIS) and synthetic resins.

Special synergistic antioxidants are added to guarantee the best ageing resistance.

TACKMELT 46C has a very high tack and a good cohesion.

Application

It can be used at medium-low temperatures to laminate different products (foams, synthetic leathers, fabrics and non-wovens) and to produce technical tapes.

Technical Specifications

Method of analysis	MU	Standard
4. Softening Point, Ring & Ball	°C	99 - 109
108. Viscosity at 170°C	mPa.s	4,500 - 9,000 ⁽¹⁾

⁽¹⁾ Brookfield viscometer, No 27 RV

Film properties

Method of analysis	MU	Standard
10. Peel Adhesion on Steel	N/in	18
96. S.A.F.T. ⁽¹⁾	°C	92
125. Loop Tack	N	27

⁽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 46C must be heated at 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 withstand high temperatures. We advise 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 and liquids. Keep far from heat sources and direct sunlight.

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

Notes

Shelf life of TACKMELT 46C packed in pillows is 3 months.

Shel life of TACKMELT 46C packed in fibre drums (180 kg) is 12 months.