



# 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 <sup>(1)</sup>

<sup>(1)</sup> 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. <sup>(1)</sup>	°C	92
125. Loop Tack	N	27

<sup>(1)</sup> based on ASTM D4498-00

*Average values; pilot plant coating at 4 m/min; 30±3 g/m<sup>2</sup> 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.**