

## Tackmelt A40

### Description

TACKMELT A 40 is a hot-melt adhesive, based on SIS synthetic rubber and synthetic resins.

### Application

TACKMELT A 40 has been studied for the production of permanent labels. It has a strong tack and a good cohesion on paper, paper board, fabrics and foams. The product has a good adhesion, even at low temperatures.

### Technical Specifications

Method of analysis	MU	Standard
4. Softening Point, Ring & Ball	°C	75 - 85
108. Viscosity at 170°C	mPa.s	5,000 - 15,000

### Film properties

Method of analysis	MU	Standard
10. Peel Adhesion on Steel	N/in	14
17. Rolling Ball Tack	cm	3
96. S.A.F.T. <sup>(1)</sup>	°C	78
125. Loop Tack	N	15

<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 A 40 must be heated at 160-180°C with

a suitable heating tool 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 is 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 and liquids.

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 A 40 packed in pillows is 3 months. Shelf life of TACKMELT A 40 packed in fibre drums (180 kg) is 12 months.**