

## 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	65 - 75
11. Peel Adhesion on Steel	g/in	1,200 - 1,800
17. Rolling Ball Tack	cm	2 - 5
96. S.A.F.T. <sup>(1)</sup>	°C	78 - 84
106. Viscosity at 150 °C	mPa.s	12,000 - 20,000
107. Viscosity at 160 °C	mPa.s	10,000 - 15,000
108. Viscosity at 170 °C	mPa.s	7,000 - 10,000
109. Viscosity at 180 °C	mPa.s	4,000 - 8,000

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

### Packing

TACKMELT A 40 is supplied in 4 kg blocks packed in carton boxes of 12 Kg or in drums.

### Storing

Keep the product at temperatures between +5 and +35°C. Avoid contact with dust and liquids.

Shelf life is 1 year.

### Notes

Viscosity at high temperatures (indicative values) :  
8,000 mPa.s at 160°C  
5,000 mPa.s at 170°C.

### Handling

TACKMELT A 40 must be heated at 160-180°C with a suitable heating tool and kept at a set stable temperature during all the usage time (temperature changes cause a variation of the viscosity and, consequently, of the processing condition). The best coating system is slot-die coating. The product has been designed to resist high temperatures, but it is preferable to avoid thermal shocks.