

## Tackmelt A46 M

### Description

TACKMELT A 46 M is a hot-melt adhesive, based on SIS synthetic rubber and synthetic rubber. It contains special antioxidants to guarantee a good ageing resistance. TACKMELT A 46 M has very high tack and adhesion, with a good cohesion.

### Application

The product can be used for the production of labels, double-sided tapes,...

### Technical Specifications

Method of analysis	MU	Standard
4. Softening Point, Ring & Ball	°C	80 - 88
15. Appearance		amber
106. Viscosity at 150 °C	mPa.s	12,000 - 16,000 <sup>(1)</sup>
107. Viscosity at 160 °C	mPa.s	9,000 - 12,000 <sup>(1)</sup>
108. Viscosity at 170°C	mPa.s	Conforming <sup>(1)</sup>
109. Viscosity at 180°C	mPa.s	6,500 - 8,500 <sup>(1)</sup>
110. Viscosity at 185 °C	mPa.s	3,000 - 7,000 <sup>(1)</sup>

<sup>(1)</sup> Brookfield viscometer, No 27 RV

### Film properties

Method of analysis	MU	Standard
11. Peel Adhesion on Steel	g/in	2,000 - 2,500
17. Rolling Ball Tack	cm	1 - 4

*Average values; coating of adhesive diluted in toluene (60%); 22±2 g/m<sup>2</sup> of dry adhesive on PET film 23 µm*

### Handling

TACKMELT A 46 M must be heated at 150-170°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 to high temperature, but it is preferable to avoid thermal shocks.

### Packaging

TACKMELT A 46 M is supplied in 4 kg blocks packed in carton boxes of 16 Kg or in drums.

### Storing

Keep the product at temperatures between +5 and +35°C. Avoid contact with dust, liquids,... Shelf life is 1 year.