

Tackmelt A49

Description

TACKMELT A 49 is a hot-melt adhesive, based on SIS synthetic rubber and synthetic rubber. It contains special antioxidants to guarantee good ageing resistance. TACKMELT A 49 has very high adhesion, with 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	105 - 115
106. Viscosity at 150 °C	mPa.s	20,000 - 40,000 ⁽¹⁾
107. Viscosity at 160 °C	mPa.s	15,000 - 30,000 ⁽¹⁾
108. Viscosity at 170 °C	mPa.s	10,000 - 20,000 ⁽¹⁾
109. Viscosity at 180 °C	mPa.s	6,000 - 14,000 ⁽¹⁾
110. Viscosity at 185 °C	mPa.s	4,000 - 8,000 ⁽¹⁾

⁽¹⁾ Brookfield viscometer, No 27 RV

Film properties

Method of analysis	MU	Standard
11. Peel Adhesion on Steel	g/in	2,300 - 2,700
17. Rolling Ball Tack	cm	7 - 13

Average values; coating of adhesive diluted in toluene (60%); 22±2 g/m² of dry adhesive on PES film 23 µm

Handling

TACKMELT A 49 must be heated up to 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.

Packing

TACKMELT A 49 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.