

Tackmelt A45

Description

TACKMELT A 45 is a hot-melt adhesive, based on SIS synthetic rubber and synthetic resins. It contains special antioxidants to guarantee a good ageing resistance. TACKMELT A 45 has very high tack and adhesion, with a good cohesion.

Application

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

Technical Specifications

Method of analysis	MU	Standard
15. Appearance		amber
106. Viscosity at 150 °C	mPa.s	18,000 - 30,000
107. Viscosity at 160 °C	mPa.s	15,000 - 20,000
108. Viscosity at 170°C	mPa.s	9,000 - 15,000
109. Viscosity at 180°C	mPa.s	6,000 - 9,000

Film properties

Method of analysis	MU	Standard
4. Softening Point, Ring & Ball	°C	92 - 97
11. Peel Adhesion on Steel	g/in	2,000 - 2,400
17. Rolling Ball Tack	cm	8 - 16
96. S.A.F.T. ⁽¹⁾	°C	85 - 100

⁽¹⁾ based on ASTM D4498-00

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

Handling

TACKMELT A 45 must be heated at 150-170°C with a suitable heating device and kept at a set stable temperature during all the feeding 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 withstand high temperatures, but it is preferable to avoid thermal shocks.

Packing

TACKMELT A 45 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.