



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 PET 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.

Packaging

The product is supplied in 150g pillows packed in cardboard boxes (20 kg); fibre drums (180 kg).

Storing

Keep the product at temperatures between +5 and +35°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.