

Tackmelt A43 A

Description

TACKMELT A 43 A 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 43 A has very high tack and adhesion, with a good cohesion.

Application

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

Technical Specifications

Method of analysis	MU	Standard
4. Softening Point, Ring & Ball	°C	74 - 80
15. Appearance		amber
106. Viscosity at 150 °C	mPa.s	10,000 - 16,000 ⁽¹⁾
107. Viscosity at 160 °C	mPa.s	8,000 - 10,000 ⁽¹⁾
108. Viscosity at 170 °C	mPa.s	5,000 - 8,000 ⁽¹⁾
109. Viscosity at 180 °C	mPa.s	3,000 - 6,000 ⁽¹⁾
110. Viscosity at 185 °C	mPa.s	2,000 - 5,000 ⁽¹⁾

⁽¹⁾ Brookfield viscometer, No 27 RV

Film properties

Method of analysis	MU	Standard
11. Peel Adhesion on Steel	g/in	1,800 - 2,300
17. Rolling Ball Tack	cm	2 - 4

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

Handling

TACKMELT A 43 A 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 conditions). 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 43 A 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 and liquids. Shelf life is 1 year.