

Tackmelt A9

Description

TACKMELT A9 is a hot-melt adhesive, based on thermoplastic elastomers (SIS) and synthetic resins. Special synergic antioxidants are added to guarantee the best ageing resistance. It has a very good tack, good peel and shear adhesion.

Application

It can be used at medium-low temperatures to laminate different products (foams, synthetic leathers, fabrics, non- wovens,...)

Technical Specifications

Method of analysis	MU	Standard
4. Softening Point, Ring & Ball	°C	108 - 115
15. Appearance		amber
106. Viscosity at 150 °C	mPa.s	20,000 - 40,000 ⁽¹⁾
107. Viscosity at 160 °C	mPa.s	14,000 - 20,000 ⁽¹⁾
108. Viscosity at 170°C	mPa.s	10,000 - 14,000 ⁽¹⁾
109. Viscosity at 180°C	mPa.s	7,000 - 11,000 ⁽¹⁾

⁽¹⁾ Brookfield viscometer, No 27 RV

Film properties

Method of analysis	MU	Standard
11. Peel Adhesion on Steel	g/in	2,100 - 2,500
17. Rolling Ball Tack	cm	2 - 5
96. S.A.F.T. ⁽¹⁾	°C	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 A9 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.

Packing

TACKMELT A9 is supplied in 4 kg blocks packed in carton boxes or in drums..

Storing

Keep the product at temperatures between +5 and +35°C. Avoid contact with dust, liquids,...