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Tackmelt A45

OBSOLETE

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

15. Appearance	
TACKMELT A 45	amber
106 Viscosity at 150 °C	mPa.s
TACKMELT A 45	18000 - 30000
107. Viscosity at 160 °C	mPa.s
TACKMELT A 45	15000 - 20000
108. Viscosity at 170°C	mPa.s
TACKMELT A 45	9000 - 15000
109. Viscosity at 180°C	mPa.s
TACKMELT A 45	6000 - 9000

Film properties

4. Softening Point, Ring & Ball	°C
TACKMELT A 45	92 - 97
11. Peel Adhesion on Steel	g/in
TACKMELT A 45	2000 - 2400
17. Rolling Ball Tack	cm
TACKMELT A 45	8 - 16

96. S.A.F.T. [1]	°C
TACKMELT A 45	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.

Storing

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

Notes

The product, once coated, is subject to oxidation from air and light and must be protected in order not to compromise its performance.

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