

Tackmelt 016 M

Description

TACKMELT 016 M is a hot-melt adhesive, based on SIS synthetic rubber and synthetic rubber. It contains special antioxidants to guarantee a good ageing resistance.

TACKMELT 016 M has very high tack and adhesion, along with good cohesion.

Application

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

Technical Specifications

| Method of analysis | MU | Standard |
|--|-------|------------------------------|
| 4. Softening Point, Ring & Ball | °C | 77 |
| 15. Appearance | | amber |
| 106. Viscosity at 150 °C | mPa.s | 25,000 ⁽¹⁾ |
| 107. Viscosity at 160 °C | mPa.s | 16,000 ⁽¹⁾ |
| 108. Viscosity at 170 °C | mPa.s | 12,000 ⁽¹⁾ |
| 109. Viscosity at 180 °C | mPa.s | 8,000 ⁽¹⁾ |
| 110. Viscosity at 185 °C | mPa.s | 5,000 - 8,000 ⁽¹⁾ |

⁽¹⁾ Brookfield viscometer, No 27 RV

Film properties

| Method of analysis | MU | Standard |
|-----------------------------------|------|----------|
| 11. Peel Adhesion on Steel | g/in | 1,900 |
| 17. Rolling Ball Tack | cm | 4 |

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

Handling

TACKMELT 016 M must be heated up to 150-170°C with a suitable heating tool and kept at a set stable temperature during all the usage time

(temperature variations cause a modification of the viscosity and, consequently, of the processing condition).

The best coating system is slot-die coating; the product is also suitable for spray systems. The product has been designed to resist to high temperature, but it is preferable to avoid thermal shocks.

Packing

TACKMELT 016 M 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, liquids, ... Shelf life is 1 year.