

## Tackmelt HM 10 A

### Description

TACKMELT HM 10 A is a hot-melt adhesive, based on thermoplastic rubbers and resins.

It contains special antioxidants to guarantee a good ageing resistance.

TACKMELT HM 10 A has a very high tack and peel adhesion, with an excellent cohesion.

### Application

The product can be used for the production of dielectric tapes.

### Technical Specifications

Method of analysis	MU	Standard
4. Softening Point, Ring & Ball	°C	98 - 103
106. Viscosity at 150 °C	mPa.s	25,000 - 35,000 <sup>(1)</sup>
107. Viscosity at 160 °C	mPa.s	16,000 - 26,000 <sup>(1)</sup>
108. Viscosity at 170 °C	mPa.s	12,000 - 18,000 <sup>(1)</sup>
109. Viscosity at 180 °C	mPa.s	8,000 - 12,000 <sup>(1)</sup>
110. Viscosity at 185 °C	mPa.s	5,000 - 10,000 <sup>(1)</sup>

<sup>(1)</sup> Brookfield viscometer, No 27 RV

### Film properties

Method of analysis	MU	Standard
11. Peel Adhesion on Steel	g/in	3,000
17. Rolling Ball Tack	cm	1 - 5
96. S.A.F.T. <sup>(1)</sup>	°C	98 - 110

<sup>(1)</sup> based on ASTM D4498-00

Average values; 22±2 g/m<sup>2</sup> of dry adhesive on PES film 23 µm

### Handling

TACKMELT HM 10 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 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 HM 10 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, liquids,... Shelf life is 1 year.