



TERMOLITE A-135 M

Packaging Hot.-melt

ISO 9001	
BUREAU VERITAS Certification	
COD.FICHA:	FF-250010-1
Nº EDICIÓN:	01
Nº REVISIÓN:	02
FECHA VIGOR:	06/2014

Description and applications:

Hot-melt adhesive with excellent performance and heat stability in the melt, developed to assemblage of Kraft paper boxes, trays, small cases and frozen packages. It is non-charring and has odor free, also suitable to bond straws with PP film in Tetra-Pak process. It provides good adhesion on virgin paper kraft as in printed or lacquered cardboards. TERMOLITE A-135 M has been designed to be used in medium-high speed machines, equipped with NORDSON, MELER, ROBATECH and other applicators.

Technical data:

Composition:	meO-PO Polymers and synthetic resins.
Packaging:	20 Kg Bag.
Appearance:	Granules.
Colour:	Transparent.

Property:	Value:	Unity:	Standard:
Brookfield Viscosity: (180°C, TR9-100rpm)	Aprox. 900	mPa·s	UNE-53-307
Softening Point (R&B):	105 - 115	°C	ASTM E-28
Open Time (180°C):	Short	---	I.M.
Application Temperature:	160 - 190	°C	---

Source: Laboratory tests.

Characteristics:

- Excellent performance (high mileage).
- Excellent thermal stability (reduces downtime and maintenance costs).
- Medium-low viscosity.
- Odorless.
- Short open time and high initial tack.
- Quick setting time.
- High heat resistance and excellent flexibility at low temperatures (Wide range of service temperatures)
- Good adhesion in treated and lacquered cardboards as like as cardboards with PP film cover (Test before using)

All raw materials used in the manufacturing of TERMOLITE A-135M are approved according to F.D.A. Nº 21 CFR guidelines 175.105 for food packaging.

Instructions for use:

Melting of the adhesive should be carried out with the application nozzle or injector stopped.

After melting, put the application nozzle or injector in motion and wait for the adhesive to reach its application temperature.

Adjusting of the machine should be done according to the manufacturer's instructions.

Guide for an optimal working conditions:

- Melter and hose Temperatures: 160-180°C
- Pipes Temperature: 160-180°C
- Temperature of the nozzle or injector : 160-190°C

Due to the variety of climates, the wide variety of materials and the differences observed in adhesion, we advice to carry out preliminary tests to achieve the optimal work conditions and the suitable weights to be applied.

During stops, the adhesive temperature should be decreased until 120°C in order to avoid adhesive degradation loss of the adhesive properties.

Melter should be cleaned regularly with a scraper, to avoid incrustations of burned adhesive, and machines should be drained with our cleaning product TECNOCLEAN.

Security and hygiene:

For further information, please request safety data sheet.

Storage:

TERMOLITE A-135M can be storage at least 2 years in the follow conditions: Keep product in a cool (between +5 and +35 °C) dry (WR <60%) and ventilated area away from direct sunlight, heat sources and points of ignition. Avoid frost. Always store in original container tightly closed.

Cleaning:

Application tools and equipment can be cleaned with TECNOCLEAN product.

Note:

The technical information provided by QS ADHESIVES & SEALANTS, S.L., either verbally or in writing is based on our present knowledge and is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved.

The user is obliged to ensure that our products are suitable for the process and the use in question.

In any case our liability is limited to the value of goods supplied by us and used by you. We provide products with consistent quality, according to our general conditions of sale and distribution