



HM-2015 HMPSA for Low temperature label

Technical Data Sheet

Product description:

HM-2015 hot melt pressure sensitive adhesive label at low temperature, has good initial moisture, the characteristics of the peel strength is balanced, comprehensive performance is good, especially suitable for low temperature labeling or used in low temperature environment, resistant to low temperature of about -40 °C

Physical properties:

Composition:	Synthetic resin
Appearance:	yellow translucent
R&B softening point:	approx. 98 °C
Brookfield viscosity:	165 °C-----about 16800 mps 175 °C-----about 11500 mps 185 °C-----about 7800 mps
Density:	0.98 g /cm ³
Toxicity:	none

Technical data:

Pressure sensitive properties of a 23g/m²-coating on 21g/m² polyester film
(23±2°C, 50±10%Rh, steel plate)

180 °C peel adhesion to steel (FTM 1)

After 20min: 16-22N/inch
After 24 H: 16-22N/inch

Loop tack on steel (FTM 9)

14-18N/inch

Shear adhesion to steel (FTM 8)

>24H with 1 kg/inch²

Shear adhesion failure temperature on steel (SAFT)

0.5 °C/min;0.5kg/inch²,approx 55 °C

Application Instructions:

Its adhesion performance will be affected by substrates, release paper and application environment, so trial run is necessary to determine whether the adhesive is suitable.

There should be no dust or oil on the surface of substrates and release paper, also the substrates and release paper should be treated to constant temperature and humidity before application.

Application methods: roller or spray

Operating temperature: the 170-180 °C, is recommended in the glue viscosity can be adjusted by the temperature of summer appropriate Down 5-10 °C, raised 5-10 °C in winter.

Application-temperature of the labels between -10 °C and 25 °C, Temperature resistance of the applied label from -40 °C to +35 °C

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Packaging and Storage :

Shelf Life: 24 Months in dry and cool environment

Packaging: 20kg/Box, 5kg/cake or 1kg/cake

Cleaning:

The residual adhesive can be rubbed off by wooden shovel before it is totally cooled.

Cooled glue can

be cleaned with specialized detergent. Applicators can be cleaned with mineral oil at 120°C,
then purged with hot melt adhesive.

Warnings:

Don't mix the product with other adhesives.

Keep the adhesive containers covered to avoid dust or contamination.

Stop heating if you don't use it for a long time to avoid the carbonization of the adhesive

Wear safety glasses, safety gloves and safety clothes when using hot melt adhesive to avoid scald.

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