



HM-2222(D) HMPSA for label

Technical Data Sheet

Product description:

HM-2222(D) is pressure sensitive hot melt adhesive for labels. With great tack and holding power, high peel strength, great heat-resistance performance, excellent resistance to oil-bleeding and ageing, HM-2222(D) has good heat effect.

Physical properties:

Composition:	Synthetic resin
Appearance:	yellow translucent
R&B softening point:	approx. 108°C
Brookfield viscosity:	165°C-----about 11500 mps 175°C-----about 8500 mps 185°C-----about 6800 mps
Density:	0.98 g/cm ³
TG point:	approx.-10°C
Toxicity:	none

Technical data:

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

180°C peel adhesion to steel (GB/T2792-1998)

After 20min: 24-28N/inch
After 24 H: 24-28N/inch

Loop tack on steel (GB/T31125-2014)

24-28N/inch

Rolling ball (GB/T4852-2002)

Approx 6#

Shear adhesion to steel (GB/T4851-1998)

>48H with 1 kg/inch²

Shear adhesion failure temperature on steel (SAFT)

0.5°C/min;0.5kg/inch²,approx 65°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 150-170°C, is recommended in the glue viscosity can be adjusted by the

Foshan NanPao Advanced Materials Co., Ltd.

No.12, Kele Avenue , Leping Town, Sanshui District, Foshan City, Guangdong Province, China

Tel:(+86-757)87393000/87393049

Fax:(+86-757)87393047



temperature of summer appropriate Down 5-10 °C, raised 5-10 °C in winter.

Application-temperature of the labels between +5°C and 35°C, Temperature resistance of the applied label from -10°C to +50°C

Packaging and Storage:

Shelf Life: 24Months in dry and cool environment

Packaging: 20kg/Box, 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.

Version: 1.0 Update: 2020