

Technical Data Sheet

Product #: HM5120

Description:

HM-5120 is a high tack ultra clear aggressive pressure sensitive hot melt adhesive for a variety of applications. These include leather, foam, HPL, wood, plastic and other substrates.

HM-5120 exhibits good initial bond strength with high peel strength. It has good heat stability, low temp characteristics, and plasticizer resistance.

Test Methods	Properties
Viscosity	2500-4000cps 338°F (170°C)
Softening Point	187°-194°F (83°-95°C)
Color	Ultra Clear (Gardener 1)
Solids Content	100%
Open Time	<20min
Packaging	35lb case pillow form
Strength	7 lb/inch
Heat Resistance	175°F (80°C)
Low Temperature Resistance:	23°F (-5°C)
Application Temperature	320°-325°F (160°-170°C)
Weight Loss @ 175°C	8 hr, 0.6%
	16 hr, 1.2%

FDA-Status:

This product meets composition requirements of indirect food additives regulation 21 CFR-175.105. "Adhesive."

Application Method:

1. Spray coating: Operating temperature 320°-338°F (160°-170°C)
2. Roller coating: Operating temperature 302°-320°F (150°-160°C)

Instructions for Use:

Open time is changeable, depending upon the nature of the substance, application temperature, thickness of the adhesive applied, room temperature and closing pressure.

Safety and Precautions:

Do not physically contact the molten adhesive. In care of burns form the hot adhesive, immediately flush skin with cold water and cover with clean dressing do not remove adhesive. have burn treated by a physician.

The buyer should conduct it own tests of this product before use to determine proper preparation technique and suitability for proposed application. American Chemical, Inc. warrants that the product conforms with American Chemical, Inc. written specifications, and is free from defects. American Chemical, Inc. disclaims all other warranties, expressed or implied, including the warranties of merchantability and fitness for a particular purpose. The buyer's sole remedy for non compliance with this warranty shall be for the replacement of the product or refund of the buyer's purchase price.

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