

Technical Information

Technomelt COOL 4505

Technomelt COOL 4505 is a low temperature hot melt adhesive specifically developed for spine glue of bookbinding.

The product has fast setting speed.
User & machine friendly. Suitable for News print & Maplitho paper.

Meets composition requirements of Indirect Food Additives Regulation 21 CFR 175.105 "Adhesives.

Application

Suggested for all standard roller applicators.
Operating Temperature: 130° C to 140° C, depending on the conditions of machines, substrates, and environment etc.

Features and Benefits

- Low application temperature Hot Melt adhesive
- Reduced degradation & char build up.
- Improves machine performance
- Improves operator safety
- Less spine wrinkle due to lower temperature.
- Fast cooling of the adhesive.
- Cleaner trimming & no build on knives.
- Improves book quality
- Good spine aesthetics.

Precautions

- Do not mix with other adhesives.
- Keep containers and pre-melters covered to avoid contamination.
- Material is applied hot. Appropriate clothing and eye protection should be used.
- Rotate stock - first in, first out.

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TYPICAL PROPERTIES

Appearance

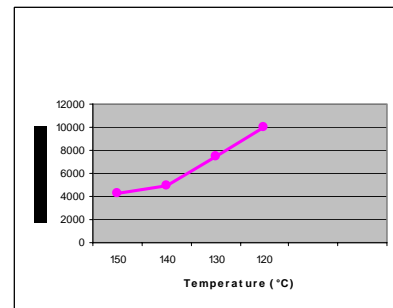
Pigment White solid, chicklets or granules

Solids

100%

BF Viscosity (Spindle 27@RPM of 5)

- @ 150°C: ~ 4,250 cps
- @ 140°C: 4,000 – 6,000 cps
- @ 130°C: ~ 7,500 cps
- @ 120°C: ~ 10,000 cps



Softening Point

Approx. 75 ± 5° C C, Ring & Ball

Standard Package

25kg/bag

Storage

Store in a dry place where the temperature is below 40° C and the storage life is one year.

**READ PRECAUTIONS AND MSDS
BEFORE USING ADHESIVE**



Technologies
Industrial Adhesives