

Technical Information

Technomelt COOL 4570

Technomelt COOL 4570 is a low operating temperature hot melt adhesive specifically developed for perfect binding application. The product has fast setting speed and good flexibility. Suitable for coated as well as uncoated paper and various difficult to bond papers.

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.
- Less maintenance of machine.
- Lifetime of glue pot and pre-melter increased.
- 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

white, solid, chicklets or granules

Solids

100%

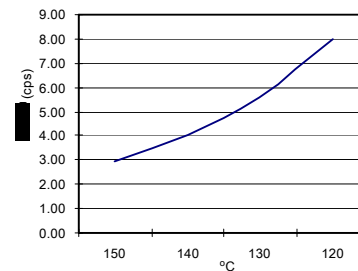
BF Viscosity (Spindle 27@RPM of 5)

@ 150°C: 3,250 cps

@ 140°C: 3000 - 4250 cps

@ 130°C: 5,500 cps

@ 120°C: 8,000 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