



Thermogrip 43298

COMPOSTABLE HOT MELT ADHESIVE

KEY FEATURES

- Compostable in industrial facilities
- Wide temperature performance range
- Pellet form for vacuum feeding

DESCRIPTION

Thermogrip 43298 is a compostable hot melt adhesive for paper and fiber board packaging applications. This adhesive passes industrial compostability standards including adhesive mineralization, adhesive film disintegration as well as soil toxicity and seed germination standards of the resulting compost. These tests indicate 43298 to be a potentially suitable adhesive component of a compostable article. Thermogrip 43298 has a broad usable temperature range of 0° to 175°F and provides aggressive grab and excellent penetration to dense board stock and high recycled content cardboard.

PACKAGING

Available in pellet form for melt on demand application.

SHELF LIFE

Can be stored 365 days in a clean dry place, in its original package at an average temperature of 25°C or below. Storage temperature should not exceed 40°C.

STORAGE & HANDLING

Wear safety gloves and goggles when handling molten adhesive to minimize the risk of burns.

COUNTRY OF MANUFACTURE

United States

HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet should be consulted for proper handling, clean up and spill containment before use. Keep containers covered to minimize contamination.



COMPOSTABLE

AGGRESSIVE BONDS

DIFFICULT SUBSTRATES

TYPICAL PHYSICAL PROPERTIES

Description	Results
Thermoset Viscosity (Brookfield - ASTM D3236)	54,600 cP @ 325°F 18,700 cP @ 350°F 6,300 cP @ 375°F 2,300 cP @ 400°F
Softening Point (Ring and Ball Herzog - ASTM E28)	230°F
Suggested Running Temperature	325 - 350°F
Heat Stress Resistance (IOPP T-3066)	175°F
Adhesive Mineralization (ASTM D 5338- 15/ASTM 6400-12)	Passed
Adhesive Film Disintegration (ISO 20200/ASTM D 6400-12)	100%

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BOSTIK HOTLINE

Smart help
1-800-726-7845

Bostik, Inc.
11320 W. Watertown Plank Road
Wauwatosa, WI 53226
www.bostik-us.com



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