



Thermogrip® 43298

COMPOSTABLE HOT MELT ADHESIVE

KEY FEATURES

- Compostable in commercial facilities
- Wide temperature performance range
- Bonds to difficult substrates

DESCRIPTION

This compostable hotmelt adhesive, Thermogrip® 43298, is a high performing adhesive for a variety of paper and fiber board packaging. This adhesive passes industrial compostable standards as detailed in ASTM 6400-12 and is certified as meeting this criteria by BPI (Biodegradable Products Institute). These tests indicate Thermogrip 43298 to be a suitable adhesive component for compostable articles. This hot melt adhesive has a broad usable temperature range of 0 to 180°F (-18 to 82°C) and provides aggressive grab and excellent penetration on dense board stock and high recycled content cardboard.

PACKAGING

Available in pellet form for melt on demand application.

SHELF LIFE

Can be stored 730 days in a clean dry place, in its original package at an average temperature of 77°F (25°C) or below. Storage temperature should not exceed 100°F (38°C).

STORAGE & HANDLING

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

COUNTRY OF MANUFACTURE

United States

APPLICATION EQUIPMENT

Thermogrip 43298 can be used with melt-on-demand or pre-melt adhesive delivery systems.



**COMMERCIALLY
COMPOSTABLE ONLY.
FACILITIES MAY NOT
EXIST IN YOUR AREA.
CERT #10528929**

TYPICAL PHYSICAL PROPERTIES

Description	Results
Thermosel Viscosity (Brookfield - ASTM D3236)	54,600 cP @ 325°F (163°C) 18,700 cP @ 350°F (177°C) 6,300 cP @ 375°F (191°C) 2,300 cP @ 400°F (204°C)
Softening Point (Ring and Ball Herzog - ASTM E28)	230°F (110°C)
Suggested Running Temperature	325 - 350°F (163 - 176.7°C)
Heat Stress Resistance (IOPP T-3066)	175°F (79°C)
Adhesive Mineralization (ASTM D 5338- 15/ASTM 6400-12)	Passed
Adhesive Film Disintegration (ISO 20200/ASTM D 6400-12)	100%
Soil Toxicity and Barley Seed Germination (OECD 208 & ASTM D-6002-02)	Passed

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.

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BOSTIK HOTLINE

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