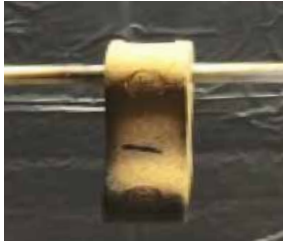


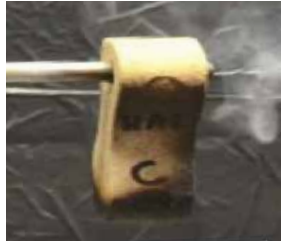
## PROVEN

The lowest smoke & odor generation of any Phenolic Urethane Binder System (PUNB).

### Smoke development of Silicatic PUNB binder and conventional PUNB.

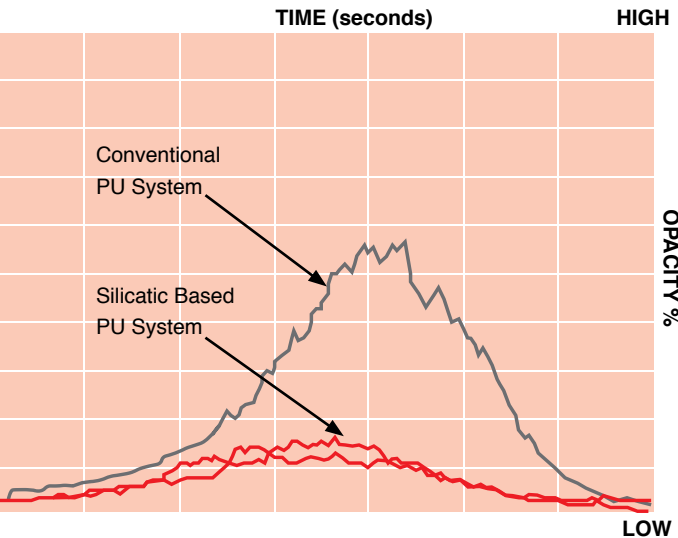


Silicatic PU System



Conventional PU System

### Analytical smoke analysis — Bioset T8000 PUNB vs conventional PUNB



For more information please speak with your HA International representative.

Alternatively, contact Ayax Rangel, Product Manager at 630-575-5775



Member of H&A Group

630 Oakmont Lane  
Westmont, Illinois 60559  
HA-International.com

# BIOSET T8000

## Phenolic Urethane No-Bake Binder (PUNB)



The most environmentally friendly Phenolic Urethane No-Bake System.



Member of H&A Group

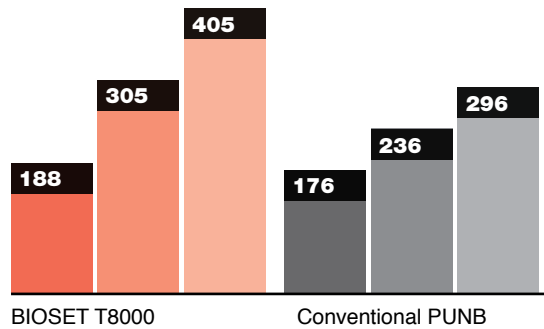
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## THE RESULTS WE DELIVER

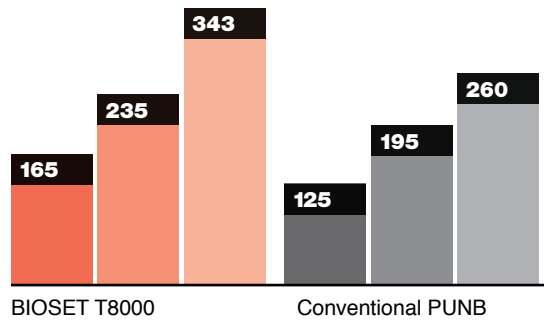
800.323.6863  
HA-International.com



**Tensile Strengths (PSI)  
New Silica Sand**



**Tensile Strengths (PSI)  
Mechanical Reclaimed Sand**



Bioaset T8000 outperforms conventional PUNB systems when used with reclaimed sands.

**LOWEST HAPS**  
(Hazardous Air Pollutants)

**Bioaset T8000 Pt1 & Bioaset T8500 Pt2**

- Lowest Smoke
- Lowest HAPS
- Lowest Odor
- No Aromatic or Biodiesel Solvents

**Bioaset T8000 Pt1 / Techniset 6435, 6400, or 6433 Pt2**

- Low Smoke & Odor
- Low Odor at MPCs
- Best balance between performance, environmental benefits, and cost



An exclusive HAI PUNB technology that delivers the **LOWEST** smoke and odor at molding, pouring, cooling and shakeout (MPCS) without compromising your bottom line; productivity and quality.

Features:

- High mechanical tensile strengths
  - Maintains mold/core integrity at handling, closing, and pouring using lower binder levels
- Robust binder system for a multitude of applications
  - For ferrous and non-ferrous molding and coremaking with new and reclaimed sand systems
- Excellent performance when used with reclaimed sands
  - High reclamability ratio while maintaining low sand costs
- Best results vs. other PUNB conventional systems