

SEGMENT PROFILE

# Coatings and Adhesives

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Specialty chemicals for high-performance  
coatings and adhesives



# Durable, workable and sustainable chemistries for high-performance coatings and adhesives

With a portfolio of unique, high-purity chemistries, Ascend Performance Materials offers unparalleled coating and adhesive performance in high-traffic and harsh environments. Our high-quality amines and solvents make your formulations more durable, workable and sustainable.

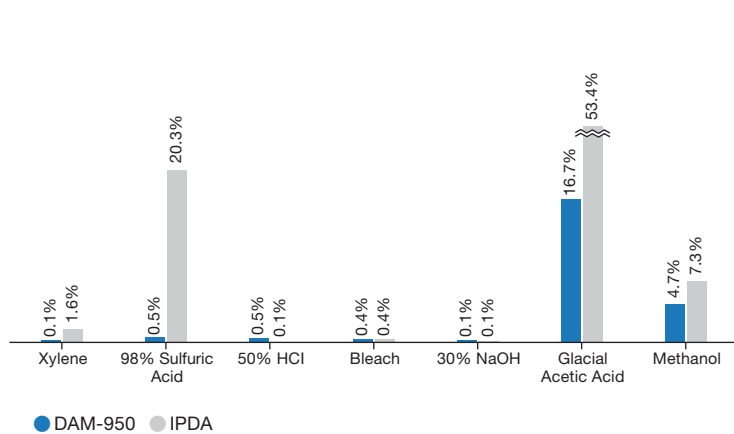
## Durability

For high-traffic and harsh environments, our specialty amines produce harder, more chemical and abrasion resistant coatings.

### FlexaTram™-DAM

A low-viscosity, cycloaliphatic amine for epoxy

- Excellent mechanical strength and hardness development
- Better chemical and abrasion resistance
- High glass transition for heat and dirt resistance during application

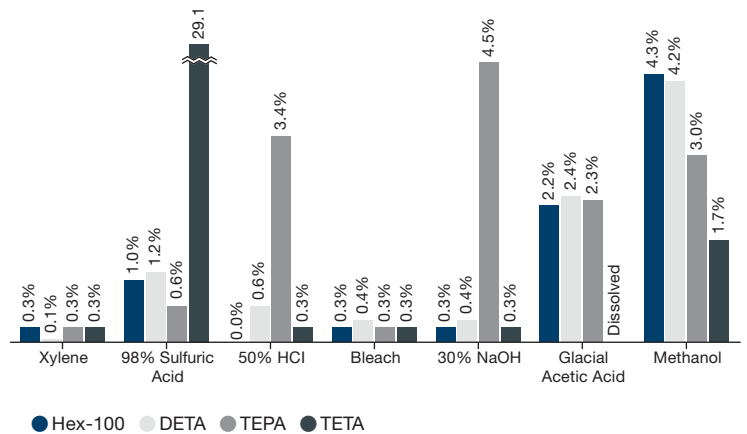


Chemical Resistance\*

### Hexatran™

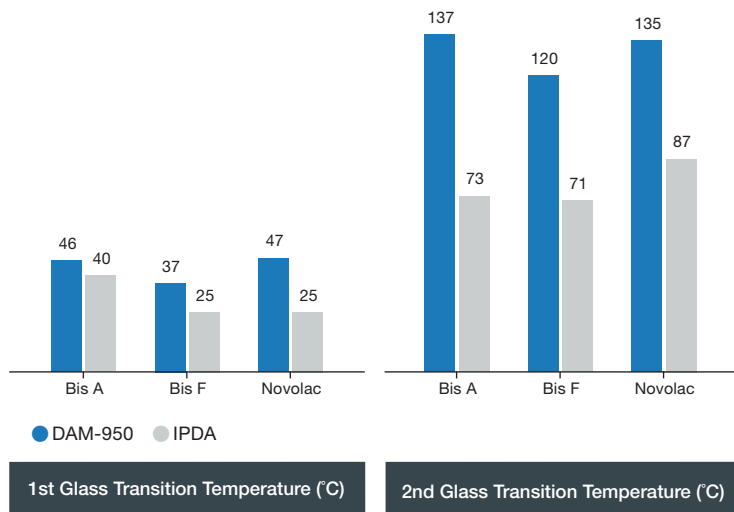
Trifunctional amine epoxy curing agent

- Unique structure provides increased cross-linking
- Improved chemical and abrasion resistance and hardness
- Exceptional flexibility



Chemical Resistance\*

\* Percent weight change after 7 days immersion. The samples were allowed to cure for 7 days before immersion. Each sample was prepared without solvent or plasticizer.



1st Glass Transition Temperature (°C)

2nd Glass Transition Temperature (°C)

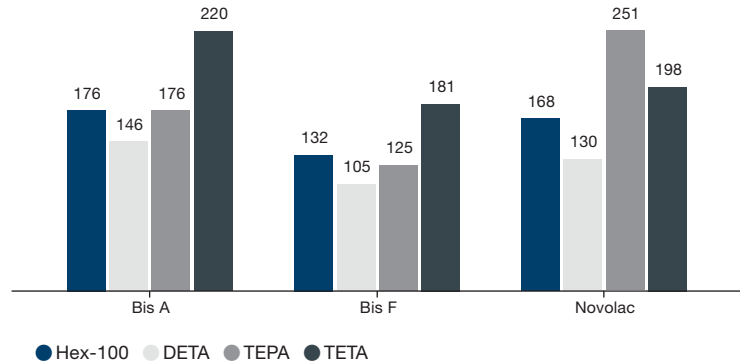
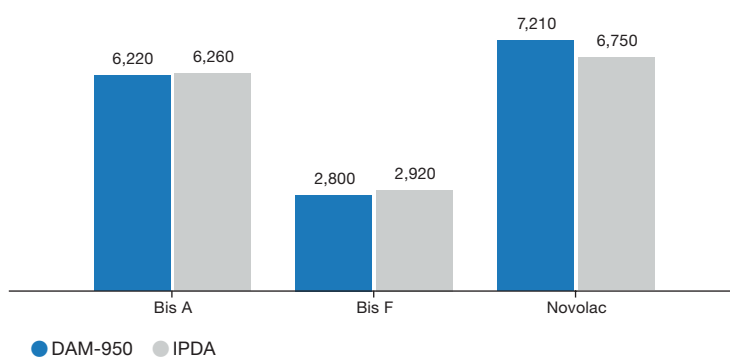


## Workability/Return to Service

With fast curing times and low viscosity, our amines make epoxies easy to apply; avoiding costly downtime. For adhesives and coatings, our low-VOC and biodegradable solvents provide greater flexibility in formulation.

### FlexaTram-DAM and Hexatran

- Low viscosity
- Fast curing
- Excellent hardness development

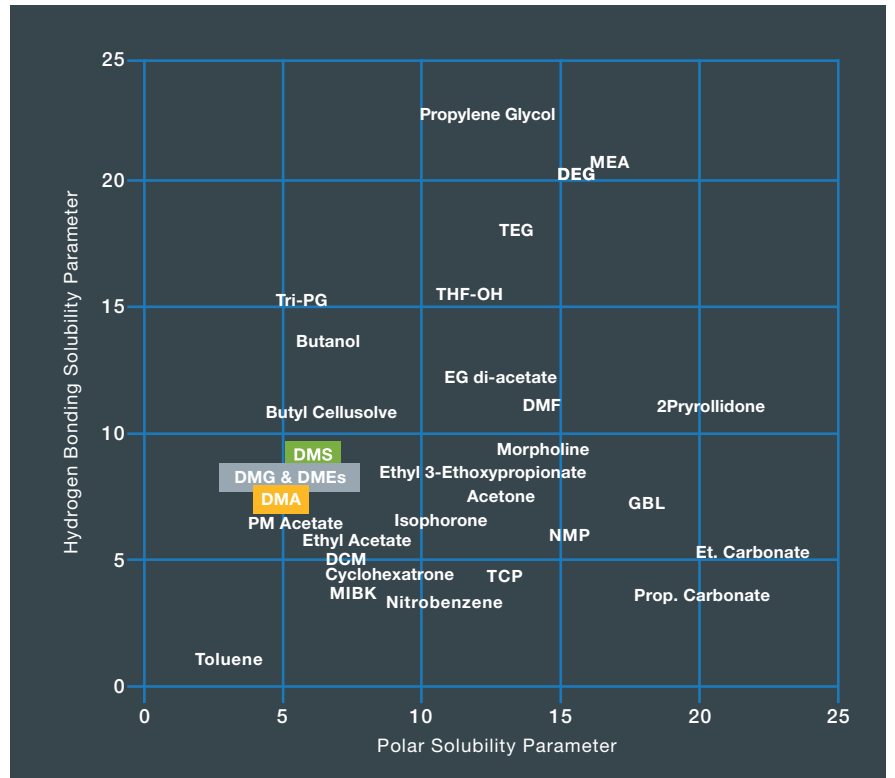


Mixed Viscosity (cps @ 20°C)

Mixed Viscosity (cps @ 20°C)

### FlexaTrac® Solvents

- Low volatile organic compound content
- Readily biodegradable
- Miscible with most organic solvents



Hansen Solubility Parameters (FlexaTrac vs. Common Solvents)

## Sustainability

Ascend is committed to sustainability with a goal of reducing our greenhouse gas emissions by 80% by 2030. We are also committed to reducing our waste, improving safety and supporting our communities. You can read more about our sustainability efforts at [ascendmaterials.com/sustainability](https://ascendmaterials.com/sustainability).

# About Ascend

Ascend Performance Materials makes high-performance materials for everyday essentials and new technologies. Our focus is on improving quality of life and inspiring a better tomorrow through innovation. We make the plastics, fabrics, fibers and chemicals used to make safer vehicles, cleaner energy, better medical devices, smarter appliances and longer-lasting apparel and consumer goods. We are committed to safety, sustainability and the success of our customers and our communities.

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For more information, contact our expert applications specialists or visit [ascendmaterials.com](https://ascendmaterials.com).

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