

JULY 2021

# BAMBERGER POLYMERS TECH TIPS

## Shelf Life Considerations

Storage condition factors such as exposure to heat, contamination, moisture, direct and indirect sunlight, fluorescent lights, temperature/humidity cycling, physical damage due to shifting, chemical agents, etc. can all affect a material's shelf life and may result in a loss of physical properties.

The effect on physical properties must be determined by the user whether a material is capable of meeting the requirements of the intended use and application.

Some product grades can have a shelf life exceeding 1 year; assuming good housekeeping is identified and adhered to

## House Keeping

Good housekeeping is the best defense in maintaining a material's physical performance and processing attributes.

For hygroscopic materials, moisture analysis can be a critical factor in determining if a material is within its shelf life.

By ensuring containers are sealed and covered at all times can extend shelf life.

- Place unused materials into polyethylene liners inside barrels or gaylords
- Immediately tie and seal liners once the filling is complete.
- Store in a dry, and if possible temperature-controlled location.
- Always keep material out of direct sunlight
- Reuse regrind immediately whenever possible, etc.

