

InnoSorb™ ZEO-300

During production of coating, sealant, adhesive, and elastomeric, moisture can come from pigments, fillers or ambient air. Isocyanates in polyurethane-based formulations react with this moisture and generate CO₂, which can cause blistering and degradation.

InnoSorb™ ZEO-300 is a hydrophilic molecular sieve, which has a nominal pore opening of 3 Å. It is mainly applied to absorb water molecules from polyurethane polymer systems in order to prevent the formation of carbon dioxide. This product remove moisture to extremely low levels without negatively impacting shelf-life, viscosity etc. Use at 1-5% by weight, depending on the starting water concentration in the polyol, pigments and fillers.

PRODUCT SPECIFICATIONS

Items	InnoSorb™ ZEO-300
Appearance	White powder
Static H ₂ O adsorption, %wt	24.5 min
Exchange rate, % mol	45.0 min
pH Value	11.0 max
Packing moisture, %wt	2.0 max
Screen Residual (325mesh), %wt	1.0 max

RECOMMENDED APPLICATIONS

- Painting and coating
- Sealants and adhesives
- Pigment and solvent drying
- Insulating glass manufacture
- Dehydration of polyurethane polymer

PACKAGING AND STORAGE

- 15 kg/Carton
- Storage in a dry warehouse is recommended. Open package should be resealed to prevent contamination and drying of the product.
- The material should be used within 12 months from the date of production.