

InnoSorb™ZEO-400

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-400 is a hydrophilic molecular sieve, which has a nominal pore opening of 4 Å. It is not only effective to absorb water molecules from polyurethane polymer systems, but also the undesirable molecules which pass through in its pores and whose diameters are less than 0.4 nm. This product has strong absorption capability and works in formulation 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-400
Appearance	White powder
Static H ₂ O adsorption, %wt	26.0 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.