

# Silane Terminated Polyether Polymer

## RISUN®30000T



### Product Description

RISUN®30000T is a polymer of alkoxy silane-terminated polyether. Due to the hydrolysis cross-linking of alkoxy groups in a humid environment, it can be used to make moisture-curing elastic sealants, elastic structural adhesives, and sealing coating. RISUN®30000T not only has excellent eco-friendly properties, but also have excellent adhesion to broad range of substrates. Different from silicone, polyurethane and other conventional adhesives and sealants, it has many outstanding properties, such as no solvent, low VOC emission, no free isocyanate, surface can be paintable, no bubble during curing. It is especially suitable for construction, general industry, transportation and new energy.



### Properties and Features

- High transparence
- Fast curing
- Excellent strength and elasticity
- Excellent aging and yellowing resistance
- Excellent water resistance and solvent resistance
- Excellent storage stability
- Solvent free, odorless, eco-friendly
- Could be blended with other Risun STP polymers



### Physical Data

Features	Result*
Activity	High activity
Modulus	Medium to low
Appearance	Clear viscous liquid
Viscosity mPa · s	32000-42000
Density g/mL	1.0
pH	6-8

\*Condition: 23 ± 2°C/30-50% RH



### Cured Data

Features	Result*
SFT min	15
TAB MPa	2.0
100% Modulus MPa	0.8
EAB %	600
Shore A	35

\* The Result\* is based on RISUN TS laboratory basic sealant formula.

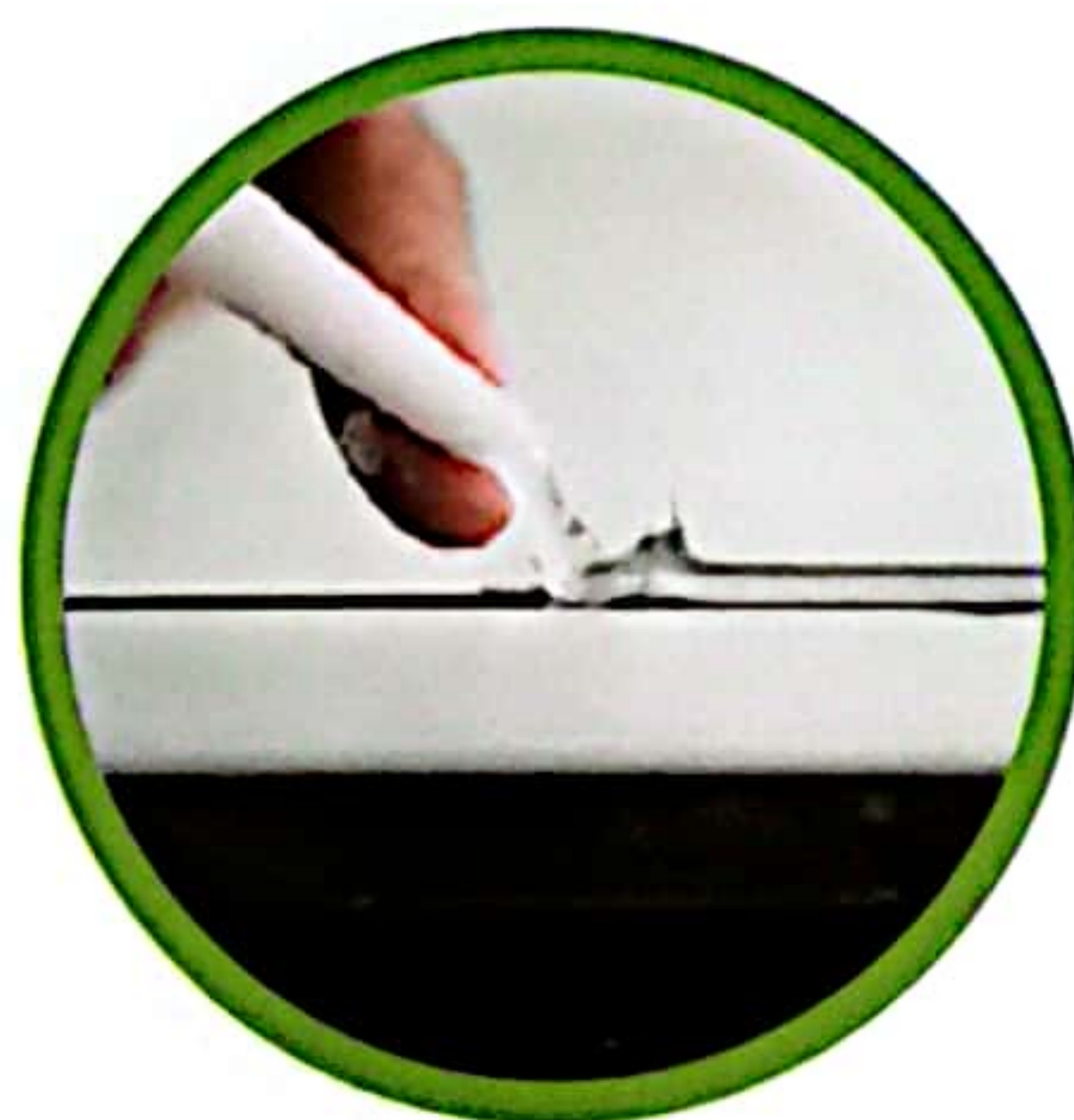
\*Condition: 23 ± 2°C/30-50% RH cured after 7 days, ISO 37



### Applications



Indoor Decoration



Crystal transparent



DIY



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