

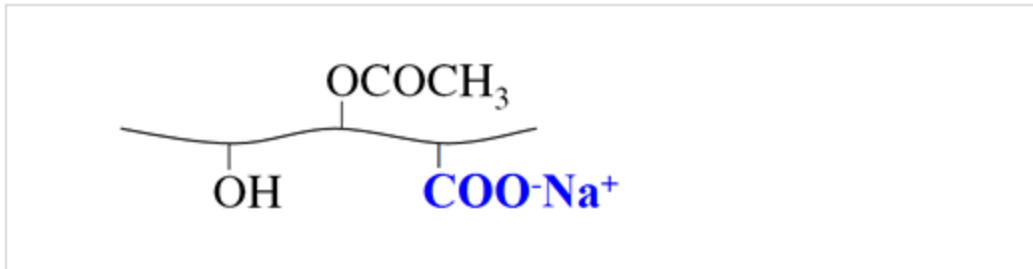
GOHSENX™ T series

Anionic Modified PVOH

GOHSENX™ T series is a specially modified anionic PVOH containing a carboxyl group in its molecule.

It has excellent water solubility, and as a water solution, it delivers excellent low-foaming, viscosity stability and fluidity properties.

It forms a chelate with polyvalent metal ions.



Properties

- ✓ Excellent solubility in water
- ✓ Excellent solubility in aqueous alkali solutions.
- ✓ Its aqueous solution is excellent in viscosity stability, and less prone to abnormalities in fluidity under high shear speed.
- ✓ Good compatibility with water-soluble polymers such as starch.
- ✓ Forms a chelate with a metal ion (in particular, aluminum ion) to cross-link and insolubilize the metal ion.
- ✓ Greatly improves the surface and Z-axis strength of paper when coated.

Applications

- ✓ Printing stock
- ✓ Coat paper
- ✓ NCR paper
- ✓ Release paper
- ✓ Emulsifier (VAc-Em)
- ✓ Cement mortar

Product grades

Grade	Saponification degree (mol%)	Viscosity ^{*1} (mPa·s)
T-330H	Min. 99.0	27.0 - 32.0
T-330	95.0 - 98.0	27.0 - 33.0
T-350	93.0 - 95.0	27.0 - 33.0

^{*1} 4% aqueous solution at 20°C

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Dissolution

1. Slowly put GOHSENX™ T into room temperature water under agitation.
2. Heat the solution immediately and keep a temperature of 80°C to 90°C for 30 to 60 minutes under continued agitation until complete dissolution
 - ❖ Adding a large quantity of GOHSENX™ at a time may create residue and result in imperfect dissolution. Always use normal temperature water and gradually put GOHSENX™ under agitation. Heat the solution after the particles disperses evenly.
 - ❖ Do not allow any rapid temperature rise, as this often causes drastic foaming.

GOHSENX™ contact

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