

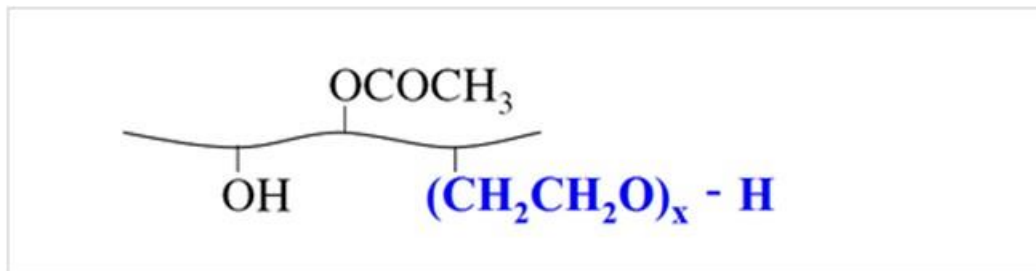
GOHSENX™ WO series

Hydrophilic Group Modified PVOH

GOHSENX™ WO series is a specially modified PVOH containing hydrophilic ethylene oxide in its molecule.

It has excellent water solubility, and forms films with high plasticity.

It is also suitable for melt processing.



Properties

- ✓ Excellent water solubility
- ✓ Forms a film which has excellent hydrophilicity
- ✓ Forms a flexible film

Applications

- ✓ Film
- ✓ Paper processing
- ✓ Coating agent
- ✓ Water soluble molding

Product grades

Grade	Saponification degree (mol%)	Viscosity ^{*1} (mPa·s)
WO-320N	Min. 98.5	6.5 - 8.5
WO-320R	86.5 - 89.5	6.0 - 8.0

^{*1} 4% aqueous solution at 20°C

Dissolution

1. Slowly put GOHSENX™ WO 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

Japan	Tokyo Branch	Shibaura Renasite Tower., 9-1, Shibaura 3-chome, Minato-ku, Tokyo 108-0023, Japan Phone:+81-3-6436-2800 Fax:+81-3-6436-2825 Gohsenol Dept, Sales and Marketing Div.
U.S.A.	SOARUS L.L.C.	3930 Ventura Drive, Suite 300 Arlington Heights, IL 60004, U.S.A. Phone:+1-847-255-1211 Fax:+1-847-255-4343 http://www.soarus.com/
Germany	NIPPON GOHSEI Europe GmbH	Merowingerplatz, 1a, D-40225, Dusseldorf, Germany Life Science Center Phone:+49-211-38548824 Fax:+49-211-38548829 http://www.nippon-gohsei.com/
China	NICHIGO SHANGHAI Co., Ltd.	Room 904 The Center, No.989 Chang Le Road, Shanghai 200031, China Phone:+86-21-5407-6333 Fax:+86-21-5407-6038
Singapore	NIPPON GOHSEI ASIA PACIFIC PTE. LTD.	60 Anson Road, #10-01, Mapletree Anson, Singapore 079914 Phone:+65-6603-4728 Fax:+65-6509-9400
URL	http://www.nichigo.co.jp/english/com/info/overseas.html http://www.gohsenol.com/index_e.shtml	