

GOHSENX™ LW series

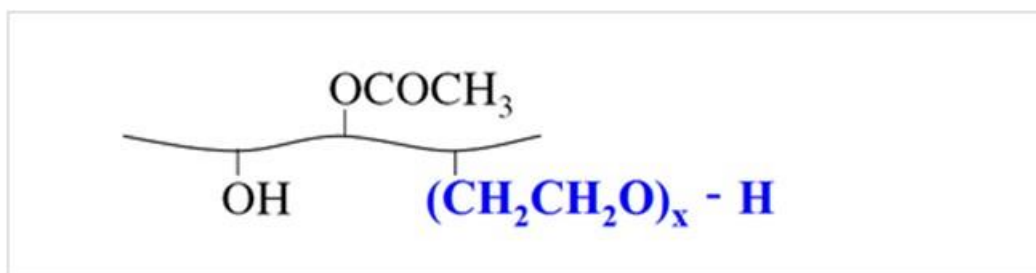
Aqueous Solution Type Low Saponification PVOH

GOHSENX™ LW series is a specially modified aqueous solution type PVOH with the hydrophobic property of low saponification PVOH.

Low saponification PVOHs (35 to 60 mol% saponification) have been used in diverse applications including hot melt resins, dispersing auxiliaries for suspension polymerization of vinyl chloride, adhesives, coating agents, binders, and pressure-sensitive adhesives.

However, since conventional low saponification PVOHs are usually water insoluble, the handling or development of applications is restricted.

In contrast, GOHSENX™ LW can be handled in the form of aqueous solution maintaining hydrophobicity.



Properties

- ✓ Can be handled in the form of an aqueous solution which has high concentration. (crystallizes in a low level of aqueous solution)
- ✓ Maintains lipophilicity (an affinity for alcohol)

Applications

- ✓ Secondary dispersant for suspension polymerization of PVC
- ✓ Adhesive
- ✓ Binder
- ✓ Anchor coating agent

Product grades

Grade	Saponification degree (mol%)	Viscosity ^{*1} (mPa·s)	Product form
LW-200	46.0 - 53.0	500 - 2,000	39 - 41% aqueous solution
LW-100	39.0 - 46.0	500 - 2,500	

^{*1} Viscosity of 39 - 41% aqueous solution at 25°C

Solution by Chemistry

NIPPON GOHSEI

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