

Aqueous Polyester Resins for Paper Packaging

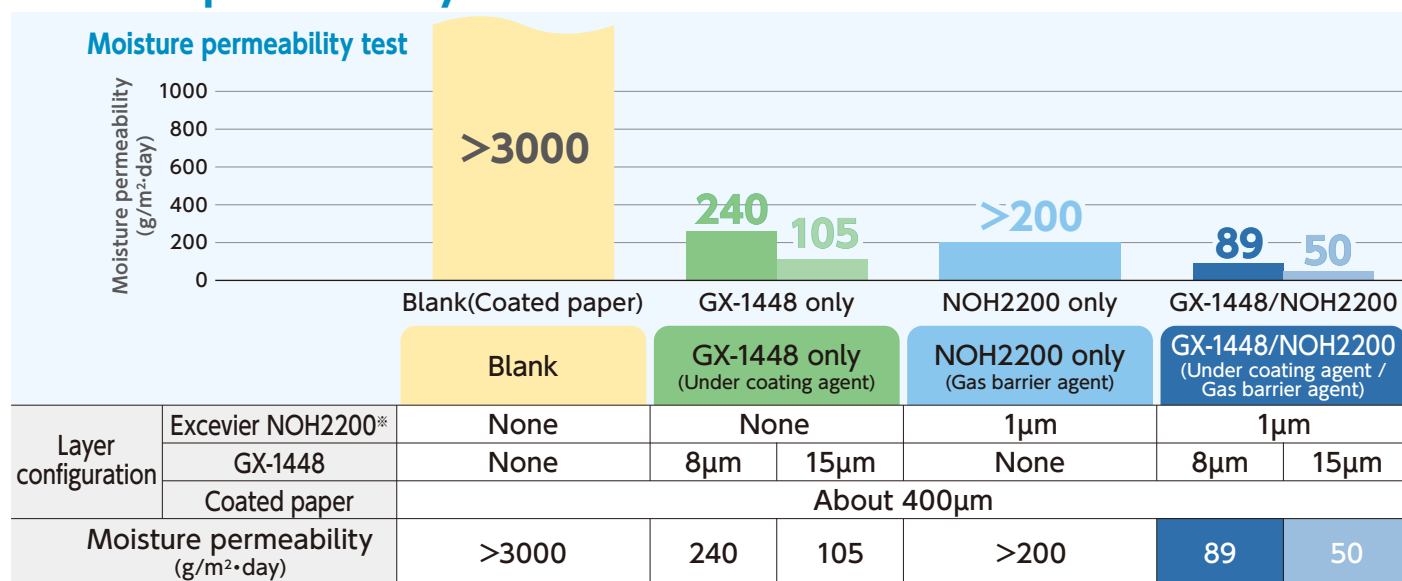
GX-1448

- Excellent moisture resistance when coated on paper substrates.
- Environmentally friendly, low VOC.
- Formulated only with raw materials listed in [FDA §176.170 \(Components of paper and paperboard\)](#) and [Japan's Positive List System for Food Utensils, Containers, and Packaging](#).
- Application: Under coating agent of paper
 - ※High water vapor barrier property can be obtained by combining with a gas barrier coat agent (Excevier NOH2200 manufactured by HOKKO CHEMICALS CO., LTD.).

Example of use (image)

Topcoat	(Protective layer)
Gas barrier coating agent	(Excevier NOH2200)
Under coating agent	(GX-1448)
Base material	(Coated paper)

Moisture permeability test



•Test Methods:Dish Method (JIS Z 0208), 40°C, 90%RH, 1day

•Production conditions

Drying condition of GX-1448:120°C×5 min

Drying condition of Excevier NOH2200:120°C×5 min

※Excevier NOH2200:Gas Barrier Coating Agent manufactured by HOKKO CHEMICALS CO., LTD.

General properties

Solid content	25%
Solvent	Water:75%
Appearance	Light blue-white liquid
Viscosity (mPa·s/20°C)	10
pH (10% aq)	6.0 ~ 9.0
Tg	70°C
Acid value (mgKOH/g)	60 ~ 90