

Aqueous polyester resins for paper packaging

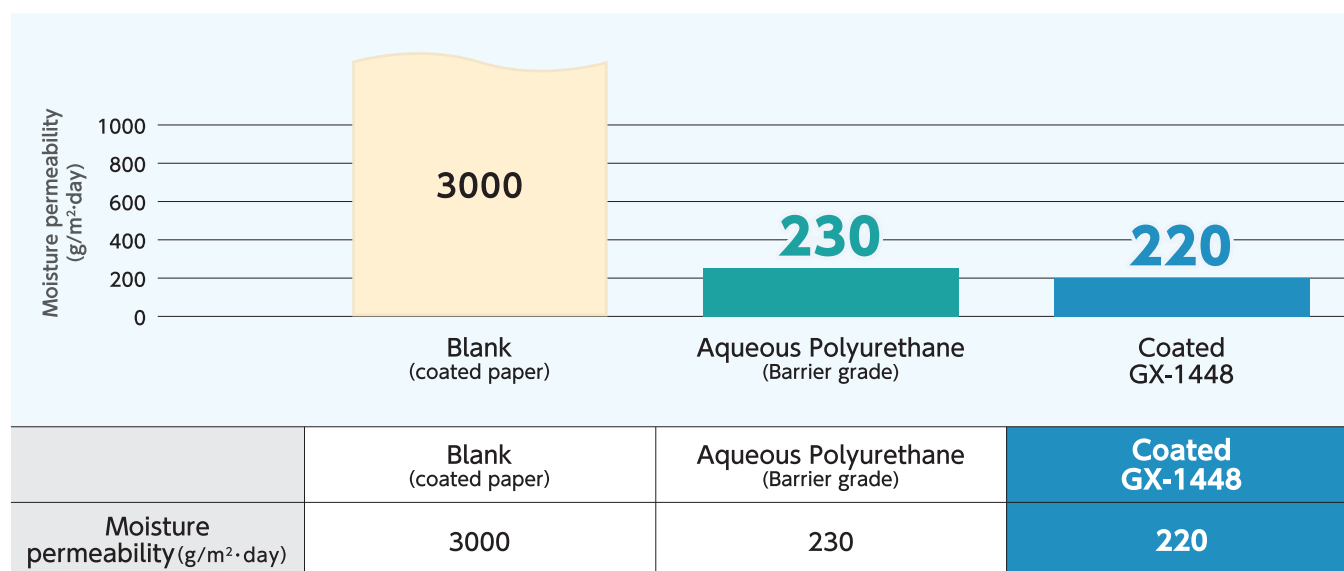
Corporate
Website
Product
information



GX-1448

- Excellent moisture resistance when coated on paper substrates.
- Environmentally friendly, low VOC.
- Consists only of ingredients listed on the “FDA§176.170 (Components of paper and paperboard)” / “The Positive List System for Food Utensils, Containers, and Packaging.” for Food Utensils, Containers, Packaging listed ingredients.
- Excellent transparency after coated.
- Application : Paper fastener(Under coating)

Moisture permeability test



- Test Methods : Dish Method (JIS Z 0208) , 40°C, 90%RH, 1day
- Drying condition : 120°C×5 min
- Application quantity (dry) : about 10g/m²

Film transparency

	Blank (PET film)	Coated GX-1448
Total Transmission (T.T) / Haze	T.T 87.5% / Haze 2.0%	T.T 88.2% / Haze 1.8%

- Drying condition 120°C×5 min
- Dry thickness : about 3μm

General properties

	GX-1448
Solid content	25%
Solvent	Water : 75%
Appearance	Light blue-white liquid
Solution viscosity (mPa·s/20°C)	10
pH (10%aq)	6.0 ~ 9.0
Tg	70°C
Acid value (mgKOH/g)	60 ~ 90

