



U.S. and European Bio Certification



**SPECIFICATION**

	Bio-content	Mn	OH number	Polydispersity	Alkalinity	Color	Viscosity@25°C	Density@25°C	Tm	Moisture
Unit	%	Daltons	mgKOH/g	Mw/Mn	meqOH/30kg	APHA	cps	g/ml	°C	pm
ECOTRION H1000	100	900 ~ 1,100	102.0 ~ 124.7	1.4 ~ 1.6	-2.0 ~ 2.0	< 50	400 ~ 600	1.03	12 ~ 14	< 200
ECOTRION H2000	100	1,900 ~ 2,100	53.4 ~ 59.1	1.6 ~ 1.8	-2.0 ~ 2.0	< 50	1,700 ~ 1,900	1.03	16 ~ 18	< 200

# ECOTRION

SK chemicals Bio-Materials 100% Bio-based polyol



- ECOTRION is Polyether polyol obtained by polymerization of 1,3 Propanediol derived from industrial corn.
- ECOTRION can enhance performance of products as well as sustainability in various industry

- ECOTRION can be used in various areas such as PU, TPU, Elastomer, Spandex, Artificial leather, Coating and Adhesive, etc. with high performance.

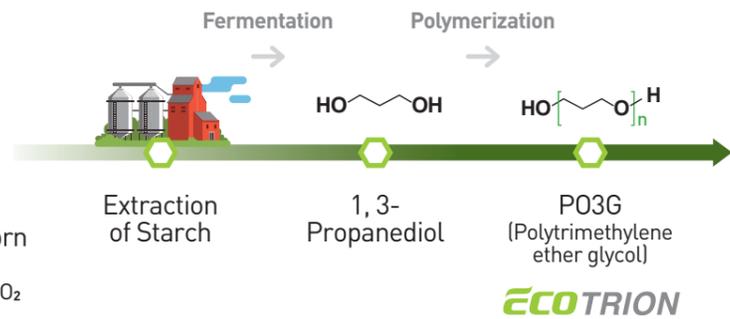
**PERFORMANCE**

- Soft touch and feel · Excellent Flexibility/Elasticity · High abrasion resistance
- Excellent color reproduction · High breathability · Low toxic & volatile
- More efficiency processability (Low melting temperature, Low viscosity)

**Biomass / Starch**



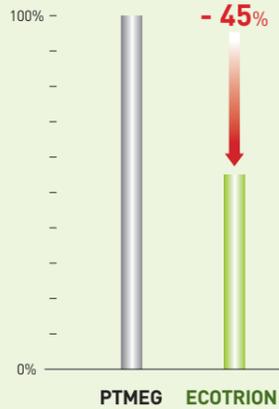
Industrial Corn (Non-food)  
Absorption of CO<sub>2</sub>



**ECO-FRIENDLY**

- Increase Bio-content (100% sustainable content)
- **GHG -45% ↓** (compared to the Polyol derived from petroleum)

**[ GREENHOUSE GAS EMISSIONS ]**



**1,000 tons of replacement per year**  
**Reduced carbon emissions by approximately**  
**Equivalent to CO2 emission from:**

**4,000 tonnes**

