

Nagase Acquires Biomass Mark for Naturally Derived Polyol

Tokyo, Japan, January 31, 2011—Nagase & Co., Ltd. (Tokyo, Japan; TSE: 8012) today announced that it has acquired a Biomass Mark* for the Agrol brand of biomass-derived polyols, a material used to make polyurethane. Agrol is an environmentally friendly product made from soybean oil.

Nagase has identified environmental and energy-related technologies as a priority issue in its medium-term management plan, Change 11, which it launched in April 2009. The Biomass Mark award (registration number: 100023, trademark registered: Agrol Polyol) constitutes recognition of the Agrol line of products sold by Nagase as environmentally friendly.

*Biomass Mark

The Biomass Mark is awarded by the Japan Organics Recycling Association (<http://www.jora.jp/>) to environmentally friendly products that are derived from or use biomass (material from living or recently living organisms). Products must meet certain standards and requirements, including quality and legal and regulatory requirements.



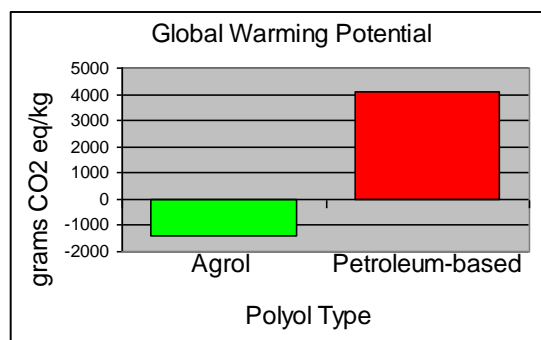
バイオマス

Agrol

Agrol is a polyol made from soybean oil and was developed by Bio-Based Technologies LLC (headquartered in Arkansas, USA). Polyols are one of the main raw materials used in making polyurethanes.

Agrol polyols contain 96% or more bio-based content (ASTM-D6866). Agrol's global warming potential has been measured at minus 1,400 grams of CO₂ equivalent per kilogram, giving it a much lower global warming potential than petroleum-based polyols.

Global Warming Potential of Agrol



Source: Independent study by Omni Tech International, Ltd.

Agrol is already widely used in the US, particularly in the automotive industry and as construction insulation. The Nagase Group will actively sell Agrol in a range of industries, including the automotive industry, in Japan and Asia.

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