



Product Flash

# Bio-Based Contents of RAHN-Products

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**RAHN**

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A material is considered 'bio-based' if it is completely or partially derived from biomass. These products can also be referred to as bio-renewable or regrowable. In using bio-based products, it is possible to reduce cumulative carbon footprints and remove reliance on fossil fuels as feedstock materials.

The bio content figures listed below are calculated using the total amount of biomass in the product, taking account of all carbon, hydrogen, oxygen and nitrogen. The bio-based product is therefore expressed as a percentage of the overall weight of the product in question (EN16785-1).

Reactive Diluents	Description	Renewable Content in %
GENOMER* 1121Y	Isobornyl Acrylate	74
GENOMER* 1121M	Isobornyl Methacrylate	70
MIRAMER M122	Lauryl Acrylate	70
MIRAMER M320	Polyetherpolyol Triacrylate	22

Oligomers	Description	Renewable Content in %
GENOMER* 2255	Modified Epoxy Acrylate	11
GENOMER* 2259	Modified Epoxy Acrylate	14
GENOMER* 2281	Modified Epoxy Acrylate	24
GENOMER* 2312	Epoxidized Soy Oil Acrylate	85
GENOMER* 3485	Polyester Acrylate	19
GENOMER* 3611	Polyester Acrylate	28
GENOMER* 4425	Aliphatic Urethane Acrylate	15
GENOMER* 6058	Sucrose Benzoate	18
GENOMER* 7287	Speciality Resin	19

In-Can Stabilizers	Description	Renewable Content in %
GENORAD* 16	High performance stabilizer for grinding and storage	11
GENORAD* 20	In-can stabilizer for clear coatings	13
GENORAD* 21	In-can stabilizer for UV-curable metallic inks	15
GENORAD* 23	Excellent all-purpose in-can stabilizer	19
GENORAD* 24	High molecular weight in-can stabilizer for standard and LED systems	13
GENORAD* 26	High performance stabilizer for grinding and storage, BPA free	18

It should be noted that the bio-based content of a material is not an indicator of the biodegradability of the material and not all bio-based bioplastics are biodegradable.

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