



GLASMA MURANO EDITION

STUDIO ART GLASS

Glasma Murano Edition is a lead-free premium glass formula, similar to the traditional recipe used in Murano. With its unique COE of 104, crystal clarity and ease of use, it is perfectly suited for combining with classic Murano glassblowing techniques and colors.

Glasma Murano Edition requires no additives, pre-heating or mixing—it is ready to be melted straight from the bag.

Glasma Murano Edition is a high-quality, pelletized and dust- and lump-free product. Thanks to its homogeneous structure, it melts at a very low temperature—typically 50–100 °C lower than loose batch, meaning around 1250–1300 °C.

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SPECIFICATIONS OF GLASS PROPERTIES (GLASMA 740)

REV. 2026-04-30

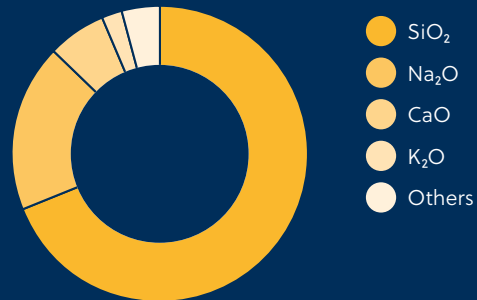
MATERIAL TYPE

Lead-free glass, delivered as pelletized glass raw materials.

DELIVERY OPTION

- Small bags and big bags

FINAL GLASS COMPONENTS



THEORETICAL PROPERTIES

Viscosity as log η (dPas)	$\log \eta \approx 2$ at 1336 ± 10 °C $\log \eta \approx 5$ at 795 ± 10 °C
Transformation temperature (T_g)	$\log \eta \approx 13$ at 495 ± 5 °C
Thermal expansion (α_{20-300} °C)	$1,04 \times 10^{-6} \pm 0,2$ K ⁻¹ (COE 104 ± 2)
Density	$2,36 \pm 0,01$ kg/dm ³
Refractive index (n_{D20})	$1,490 \pm 0,005$
Recommended melting temperature	1250–1300 °C
Recommended working temperature	1100 °C
Recommended annealing temperature	510 ± 10 °C
Hydrolytic resistance (ISO 719)	2,2 ml 0,1 N HCl/g glass *

* The lower the value, the better the resistance.

Please note that theoretical values only provide a guideline. Each melting process is unique and must be adjusted and optimized before the perfect result can be obtained.

COLORING

Glasma Murano Edition can be combined with the traditional colors used at Murano.

STANDARDS

Glasma is certified according to ISO 9001 and ISO 14001.