

FULLY COMPATIBLE FUSING GLASS

# LIBA

## *Colors 96*



PRECIOSA

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*Preciosa Ornela presents a collection of colored smoothly fusible glass under the name “LIBA Colors 96”.*

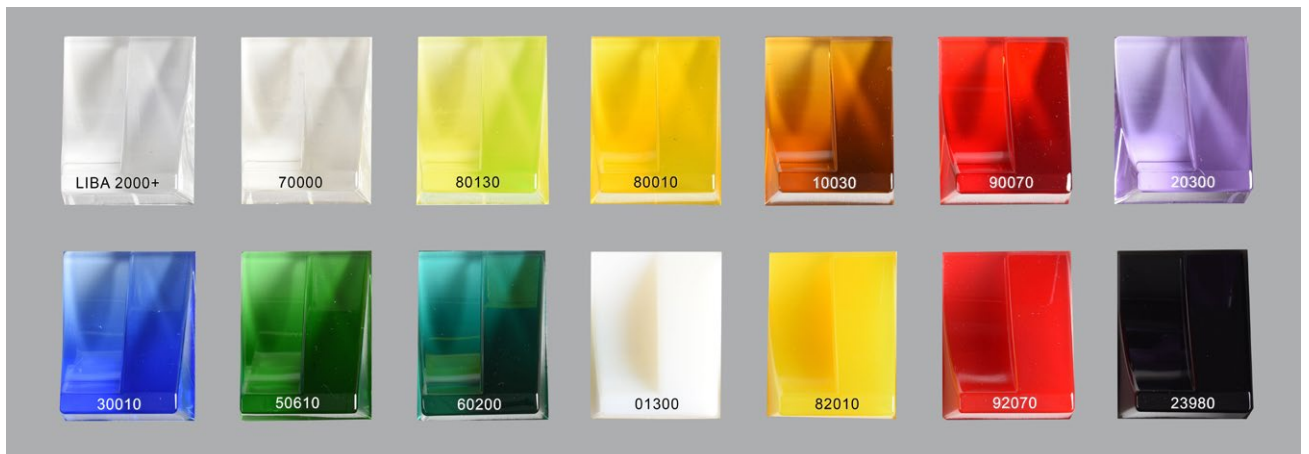
*This semi-product is produced in the form of poured rods and it is suitable for processing with various melted connection techniques (for example, fusing). It can be used to produce melted colored objects which are subsequently shaped.*

*The glass composition has been optimised so that all the colors are compatible and do not crack during any subsequent processing.*

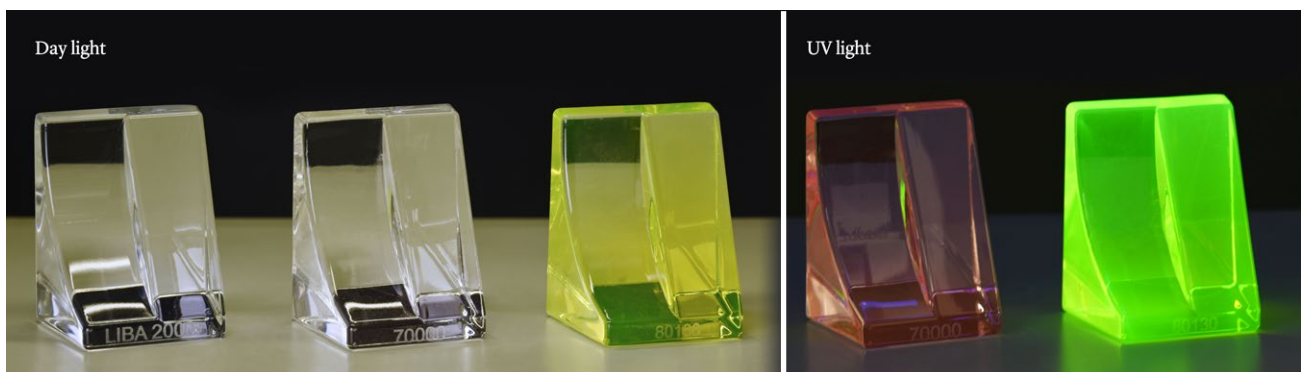
## *The color range*

LIBA 2000+ DSS	70000 pink crystal DSS (UV active)	80130 anna yellow DSS	80010 amber DSS*
10030 topaz DSS	90070 ruby DSS*	20300 violet DSS	
30010 sapphire DSS	50610 blue peridot DSS	60200 green aquamarine DSS	
01300 white opal DSS*	82010 antar alabaster DSS*	92070 ruby alabastr*	23980 black DSS

\* Tempering colors - it is necessary to reheat the rods to achieve the final shade.



Example of color change of UV active glass 70000 and uranium glass 80130 under UV light.



<b>Technical parameters</b>	
Rod diameter - profile 10	30 x 30 x 1120 mm
Packaging	bundle 20 kg (MOQ 2 kg ntto from color = 1 rod)

<b>Informative technical parameters</b>	<b>Units</b>	<b>Values</b>								
Specific gravity	kg / m <sup>3</sup>	2500 ± 50								
Coefficient of expansion $\alpha$	K <sup>-1</sup>	(9,60 ± 0,15) × 10 <sup>-6</sup>								
Transformation point t <sub>g</sub>	°C	500 ± 15								
Deformation point t <sub>b</sub>	°C	575 ± 15								
Softening point t <sub>l</sub>	°C	695 ± 10								
Hydrolitic resistance at 98°C	class	HGB III								
Informative chemical composition of the glass	%	<table border="0"> <tr> <td>SiO<sub>2</sub></td> <td>68</td> </tr> <tr> <td>Na<sub>2</sub>O + K<sub>2</sub>O + CaO</td> <td>20</td> </tr> <tr> <td>ZnO + B<sub>2</sub>O<sub>3</sub> + MgO</td> <td>5</td> </tr> <tr> <td>MnO<sub>2</sub> + Cr<sub>2</sub>O<sub>3</sub></td> <td>2</td> </tr> </table>	SiO <sub>2</sub>	68	Na <sub>2</sub> O + K <sub>2</sub> O + CaO	20	ZnO + B <sub>2</sub> O <sub>3</sub> + MgO	5	MnO <sub>2</sub> + Cr <sub>2</sub> O <sub>3</sub>	2
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Detailed specifications are available for each color upon request.  
The main parameters are regularly laboratory checked.  
Each produced batch-lot is laboratory tested.



## PRECIOSA Traditional Czech Glass

A member of the Preciosa Group

Preciosa Group is a global leader in products manufactured from crystal. From the world famous Czech Beads and Crystal Components used in fashion industry, to tailor made Lighting projects for luxury hotels, royal palaces and yachts, the true craftsmanship of crystal production has been present in Bohemia since 16th century.

[Preciosa-Ornela.com](http://Preciosa-Ornela.com)