



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
10030 topaz DSS
20300 violet DSS
30010 sapphire DSS

50610 blue peridot DSS
60110 aquamarine DSS
60200 green aquamarine DSS
70000 pink crystal DSS (UV active)

80010 amber DSS
80130 anna yellow DSS
90070 ruby DSS
82010 jantar alabaster DSS

92060 ruby alabaster DSS
92070 ruby alabaster DSS
03040 chalk DSS
23980 black DSS



Tempering colors

80010 amber DSS
82010 jantar alabaster DSS

90070 ruby DSS
92060 ruby alabaster DSS

92070 ruby alabaster DSS

It is necessary to reheat the rods to achieve the final shade.



Authorised CZ/DE distributor



Technical parameters	
Rod diameter	profile (10) V28 x 30 mm
Packaging/case weight	600 kg net

Informative technical parameters	Units	Values								
Specific gravity	kg / m ³	2500 ± 50								
Coefficient of expansion α	K ⁻¹	(9,60 ± 0,15) × 10 ⁻⁶								
Transformation point t_g	°C	500 ± 15								
Deformation point t_b	°C	575 ± 15								
Softening point t_L	°C	695 ± 10								
Hydrolitiic resistance at 98 °C	class	HGB III								
Informative chemical composition of the glass	%	<table style="border: none;"> <tr> <td>SiO₂</td> <td>68</td> </tr> <tr> <td>Na₂O + K₂O + CaO</td> <td>20</td> </tr> <tr> <td>ZnO + B₂O₃ + MgO</td> <td>5</td> </tr> <tr> <td>MnO₂ + Cr₂O₃</td> <td>2</td> </tr> </table>	SiO ₂	68	Na ₂ O + K ₂ O + CaO	20	ZnO + B ₂ O ₃ + MgO	5	MnO ₂ + Cr ₂ O ₃	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.

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