

# Prilox® S STUDIO II

Ready-to-use glass batch

Code:

## Product characteristics

Prilox® S Studio I is a homogeneous, low-dust ready-to-use glass batch tailor-made to customer specifications for direct use in pot furnace, day tank or continuous furnaces with gas or electro melting.

## Application

Studio glass clear or in connection with colour parts (Farbglashütte Reichenbach; www.farbglass.de)

## Delivery

Big Bags of approx. 1.000 kg each, other packaging on request

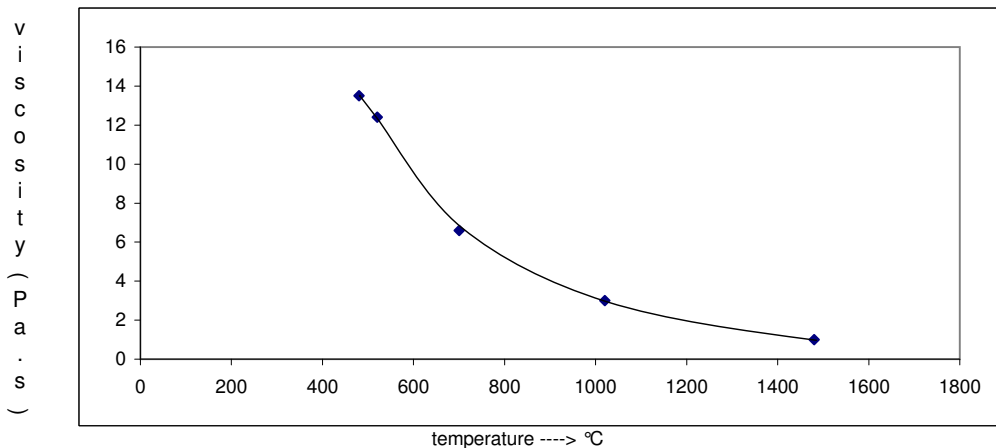
## Chemical properties

Oxide	SiO <sub>2</sub>	Na <sub>2</sub> O	K <sub>2</sub> O	BaO	CaO	ZnO				
MA.-%	74	9	8	4	3	2				

Analysis according to DIN 51001 with RFA

Mechanical properties	Optical properties
density: 20° 2518 Kg/m <sup>3</sup>	refractive index: 1,511

Thermal properties (theoretical)			
coefficient of thermal expansion	20-400 °C	9,6	10 <sup>-6</sup> _K
viscosity			
lower cooling temperature	10 <sup>13,5</sup>	473 °C	886°F
upper cooling temperature	10 <sup>12</sup>	514 °C	962°F
softening temperature	10 <sup>6,6</sup>	709 °C	1327°F
processing temperature	10 <sup>3</sup>	1047 °C	1960°F
melting temperature	10 <sup>1</sup>	1450 °C	2714°F



## Please make special reference to the following:

The products mentioned are natural products which may be refined and / or blended together (also with synthetic products). All data and values indicated are therefore to be understood only as approximated values. It is the duty of our contractual partner to check the suitability of the product for his specific purpose and to acquire detailed information on tolerance fluctuations and application experiences due to natural variations as well as production and deposit fluctuations. Otherwise, our "General terms and conditions" apply.