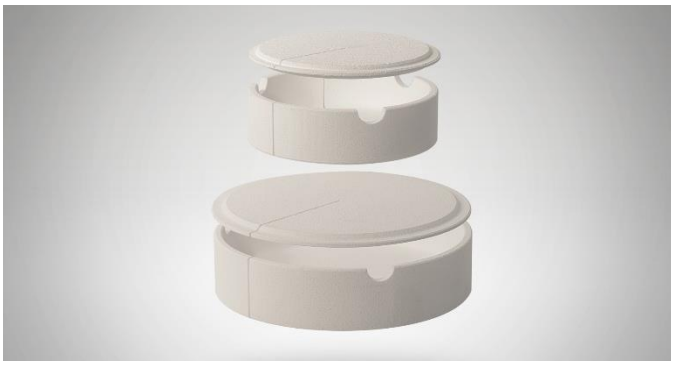
simply high temperature technology

UltraSaggar UV 1600-10

Saggars made of polycrystalline mullite fibres (PCW) up to 1600°C (2912°F) application temperature



UltraSaggar UV 1600-10 are saggars, optionally with lid, for sintering and firing small-sized products. They are made of polycrystalline mullite fibres (PCW). The product is perfectly usable up to 1600°C application temperature. Thanks to their material properties, rapid and frequent temperature changes can be perfectly realized. A wall thickness of 4-7 mm (depends on the outer diameter) provides optimum heat transmission.

YOUR BENEFITS WITH ULTRASAGGAR AT A GLANCE

- ✓ High temperature resistance up to 1600°C application temperature
- ✓ Good thermal shock resistance
- ✓ Perfect for longer hold time at high temperature
- ✓ Lower heat capacity results in lower costs
- ✓ Dimensionally stable
- ✓ Stackable
- ✓ Different dimensions available, optionally with or without lid

MATERIAL PROPERTIES OF ULTRASAGGAR	UNITS	PERFORMANCE		
Density	kg/m³		1000	
Colour			white	
Dimensions				
Outer diameter Ø	mm	86*	110*	120*
Inner diameter Ø	mm	78	102	112
Height of the saggar	mm	25	30	30
Thickness of the lid	mm	4 - 6	5 - 7	5 - 7
Maximum service temperature	°C °F		1600 2912	
Chemical composition				
Al_2O_3	%		85	
SiO_2	%		15	

* Actual manufactured standards. Additionally, we also manufacture other shapes according to your wishes.

The table is intended to illustrate typical properties. Property values vary with method of manufacture, size and shape of part. Data contained herein is not to be construed as absolute and does not constitute a representation or warranty for which SCHUPP® Ceramics assumes legal responsibility. Detailed control of values of most properties can be maintained if specified.

M.E. SCHUPP Industriekeramik GmbH
Neuhausstraße 4-10, 52078 Aachen/Germany
Tel.: +49 (0) 241 -93677-0 Fax: +49 (0) 241 -93677-15
www.schupp-ceramics.com