

UltraSetter UV 1700-10

Sintering and firing setters made of polycrystalline mullite fibres (PCW) up to **1650°C (3002°F)** application temperature



UltraSetters UV 1700-10 are lightweight sintering and firing setters based on polycrystalline mullite fibres (PCW). They are suitable for application temperatures of up to **1650°C (geometry dependent)** and serve as stable setters in many application areas where sintering, firing or heat treatment processes take place.

YOUR BENEFITS WITH ULTRA SETTER AT A GLANCE

- ✓ High temperature resistance up to **1650°C**
- ✓ Dimensionally stable
- ✓ Saves space and energy
- ✓ Customised sizes up to 450 x 600mm
- ✓ Quick heating and cooling rates possible
- ✓ Good thermal shock resistance
- ✓ High thermal conductivity

The sintering settings, thanks to their low heat capacity, only take up little thermal energy. Depending on the sizes of the products, the size, thickness, and special geometry of our setters can be adjusted individually.

MATERIAL PROPERTIES OF ULTRA SETTER		UNITS	PERFORMANCE
Density		kg/m ³	1000
Colour			white
Maximum service temperature		°C °F	1650 3002
Chemical composition		%	86.5 13.5
	Al ₂ O ₃ SiO ₂		

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

DIMENSIONS				
		Length	Width	Total Height
Surface	[mm]	max. 600	max. 450	max. 40

The tables "material properties" and "dimensions" are 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.