



## HT Paper

paper-like product made of inorganic fibers

### PRODUCT CHARACTERISTICS

For **acoustic absorption**, **thermal insulation** and **fire protection** in the area of the **automotive**, **ships** and **buildings**, **high temperature gaskets**, **industrial furnace** and **combustor insulation** as well as for **domestic appliances** and **industrial machines**.

TECHNICAL CHARACTERISTICS	Type 607	Type 607 high
Maximum continuous use temperature [°C]	1000	1150
Classification temperature [°C] (EN 1094-1)	1200	1300
Melting temperature [°C]	> 1200	> 1400
Thickness [mm]	0,5 – 10	1 – 10
Density [kg/m <sup>3</sup> ]	190 – 210	210
Tensile strength [MPa] (EN 1094-1)	> 0,65	> 0,45
Loss of ignition [%]	8	8
Colour	white	white

CHEMICAL COMPOSITION	SiO <sub>2</sub>	CaO + MgO	Other ingredients
Type 607 [weight-%]	62 – 68	29 – 39	< 1
Type 607 high [weight-%]	70 – 80	18 – 25	< 3

THERMAL CONDUCTIVITY (ASTM C201)	[°C]	200	400	600	800	1000	1200
Type 607	[W/mK]	0,05	0,07	0,11	0,16	0,23	–
Type 607 high	[W/mK]	0,04	0,07	0,10	0,14	0,19	0,25

The technical information does not constitute a quality warranty. The suitability for a specific purpose must be examined. Subject to change without notice.



#### DBW Advanced Fiber Technologies GmbH

Rodetal 40  
37120 Bovenden  
Deutschland

#### Technical contact person:

Matthias von Wensiersky  
Tel. +49 (0)5594 801-11  
matthias.wensiersky@dbw.de  
www.dbw.de

#### Sales contact person:

Elena König  
Tel. +49 (0)5594 801-40  
elena.koenig@dbw.de  
www.dbw.de