



**MOSCONI s.r.l.**



# TECHNICAL DATA SHEET

## INSULATING AGGREGATE 0.3-10

<b>Max. service temperature</b>	..... °C	<b>1000</b>
<b>Bulk density</b>	..... Kg/m <sup>3</sup>	<b>330</b>
<b>Chemical Analysis</b>	SiO <sub>2</sub> ..... %	<b>65,0</b>
	Al <sub>2</sub> O <sub>3</sub> ..... %	<b>16,0</b>
	TiO <sub>2</sub> ..... %	<b>0,5</b>
	Fe <sub>2</sub> O <sub>3</sub> ..... %	<b>4,0</b>
<b>Thermal conductivity</b>	200°C ..... W/m <sup>2</sup> K	<b>0,13</b>
BS 1902 Section 5.5 1991	400°C ..... W/m <sup>2</sup> K	<b>0,15</b>
	600°C ..... W/m <sup>2</sup> K	<b>0,17</b>
<b>Grain size</b>	> 10 mm ..... %	<b>2</b>
% by weight passing ISO sieves	3-10 mm ..... %	<b>55</b>
	1-3 mm ..... %	<b>33</b>
	< 1 mm ..... %	<b>10</b>
<b>Packing</b>	Bags (50 dm <sup>3</sup> ) ..... kg	<b>17</b>
	big bags (1,0 m <sup>3</sup> ) ..... kg	<b>330</b>

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The above-mentioned data, resulting from our testings, are given as an indication of typical values.  
No guarantee can be granted regarding their absolute values or working performances.