

## TECHNICAL DATA SHEET

The Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application.

<b>Grain Size</b>	[mm]	<b>1-4</b>	<b>0.25 - 0.5</b>
<b>Particle Size</b>	[US mesh #]	18 - 5	60 - 35
<b>Fire Rating Class (DIN 4102-4)</b>		non combustible (A1)	
<b>Dry Loose Bulk Density</b>	[kg/m <sup>3</sup> ]	220 ± 30	340 ± 30
	[lb/ft <sup>3</sup> ]	13.7 ± 1.9	21.2 ± 3.2
	[kg/m <sup>3</sup> ]	320 - 400 ± 60	700 ± 80
<b>Apparent Density</b>	[lb/ft <sup>3</sup> ]	20 - 25 ± 3.7	43.7 ± 5.0
<b>Water Absorption by Mass</b>	[Mass. %]	36	21
<b>Water Absorption by Volume</b>	[Vol. %]	12	15
<b>Compressive Strength</b>	[Mpa]	≥ 1.5	≥ 2.6
	[psi]	≥ 217	≥ 377
<b>Oversize</b>	[M.-%]	≤ 10	
<b>Undersize</b>	[M.-%]	≤ 15	
<b>pH Value</b>		8-12	
<b>Moisture Content</b>	[M.-%]	≤ 0.5	
<b>Softening Point</b>	[° C]	700	
<b>Thermal Conductivity</b>	[W/(m·K)]	0.07	0.09
	[BTU-in/hr-ft <sup>2</sup> -°F]	0.486	0.625
<b>Main Component</b>		silicon dioxide	

Subject to change without notice.  
Product of Canada.