IMERYS Kiln Furniture

# Technical Data Sheet

Product Name : **Aptakor 85S**

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|---|---|---|---|
| Maximum Service Temperature oxidising atmosphere | | ° C | **1500** |
| Apparent Density | | g/cm³ | **2,3** |
| Apparent Porosity | | % | **29,0** |
| Modulus of Rupture 3-Point Test | | | |
| | at 20 °C | N/mm² | **34,0** |
| | at 1250 °C | N/mm² | **26,0** |
| Thermal Expansion | at 1000 °C | 10 -6 K -1 | **5,50** |
| Softening under load | To | °C | **1600** |
| Chemical Composition : | | | |
| | $Al_2O_3$ | % | **86,0** |
| | $SiO_2$ | % | **13,8** |
| | $Fe_2O_3$ | % | **0,2** |

All these data are given for information only and can be under no circumstances considered as specifications. The customer must validate attentively the behaviour and performances of this material in its own process under its own responsibility before use

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