

## MATERIAL DATA SHEET

Material type: Aluminium Oxide (Al<sub>2</sub>O<sub>3</sub>)

### DEGUSSIT DD57 (coarse)

Properties	Unit	Specific value
Main components	-	α - Al <sub>2</sub> O <sub>3</sub> , Cr <sub>2</sub> O <sub>3</sub>
Purity	wt-%	> 99.5
Density	g / cm <sup>3</sup>	> 3.40
Open Porosity	vol.-%	< 10
Average Size of Crystallites (bimodal distribution)	µm	10 / 130
Maximum Service Temperature in Air	°C	1950
Typical colour	-	red

The data indicated on this table are in line with the introductory German Industrial Standard DIN 40680 and relate to test specimens from which they were obtained. They are not unconditionally applicable to other forms of the same material. The data must be regarded as indicative only. All data refer to a temperature of 20 °C, unless otherwise specified.