

Technical Data Sheet

White Cenosphere Properties

Control parameters	Unit	Usual range
Bulk density	g/cm ³	0,350 – 0,450
Specific gravity/ Particle density	g/cm ³	0,6-0,8
Floating rate	%	> 95
Melting point	°C	1200-1400
Moisture content	%	< 0,5
Sintering point	°C	1100-1300
Colour		white / light grey
Thermal conductivity	W/mK	0,1-0,2
Sieve analysis		
0 - 0,125mm	%	0-30
0,125 - 0,250mm	%	55-65
0,250 - 0,500mm	%	5-15
Chemical composition (test method XRF)		
SiO ₂	%	50-60
Al ₂ O ₃	%	36-42
Fe ₂ O ₃	%	1,0-1,8
K ₂ O	%	0,3-1,0
CaO	%	1,3-2,0
MgO	%	0,3-0,5
Na ₂ O	%	0,25-0,5