

# TECHNICAL DATA SHEET

Volite 200 h SD110 (coated)

<b>bulk density</b>		110 ± 15 g/l
<b>grain size (laser granulometry, dry)</b>	Median	50±8µm
	D10	23±7µm
	D90	105±15µm
	D <sub>qer</sub>	57±8µm
<b>hydrophobic treatment</b>	water flow	>210ml
<b>stress test (5min shacking)</b>	appearance	clear water
	sinks	few sinks
	water flow	>160ml
<b>brightness</b>	L	80 - 85
	a	1,0 - 2,5
	b	3,5 - 5,5
<b>loss of ignition</b>		<1 weight%
<b>flammability</b>		incombustibly, A1
<b>pH-value</b>		~ 7
<b>hygroscopic equilibrium</b>		<1,5 weight%
<b>advices for proper handling of perlite</b>	Pneumatic transport	max 0,4 bar
	Min Ø of tubes	100 mm
	Min radius of tubes	500 mm
	Filling level of silos	max 75%