

TECHNICAL DATA SHEET

Superlite 0/6

shape		granulometric solid
colour		white/grey-white
density		2,0 - 2,2 g/cm ³
bulk density		90kg/m ³ ±20%
chemical composition	SiO ₂	60 - 80%
	Al ₂ O ₃	12 - 16%
	Na ₂ O	5 - 10%
	K ₂ O	2 - 5%
	CaO	0 - 2%
	MgO	0 - 1%
	Fe ₂ O ₃	0 - 2,5%
grain size distribution	>5,0 mm	0 - 3 weight%
	3,0 - 5,0 mm	25 - 45 weight%
	2,0 - 3,0 mm	20 - 35 weight%
	1,0 - 2,0 mm	15 - 25 weight%
	0,5 - 1,0 mm	5 - 10 weight%
	<0,5 mm	5 - 15 weight%
loss of ignition		<1 weight%
pH-value		~ 7
flammability		not inflammable, A1 according DIN 4102
hygroscopic equilibrium		<1,5 weight%
advices for proper handling of perlite	Pneumatic transport	max 0,6 bar
	Min Ø of tubes	100 mm
	Min radius of tubes	500 mm
	Filling level of silos	max 75%