

TECHNICAL DATA SHEET

Superlite 0/1 according DIN EN 13055-1

shape		granulometric solid
colour		granulometric solid
density		2,0 - 2,2 g/cm ³
bulk density		60kg/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	>2,0 mm	0 - 10 weight%
	>1,0 mm	15 - 25 weight%
	0,5 - 1,0 mm	30 - 40 weight%
	0,25 - 0,5 mm	20 - 30 weight%
	0,125 - 0,25 mm	5 - 15 weight%
	<0,125 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%