

TECHNICAL DATA SHEET

Cryoperl EL-T

shape		granulometric solid
colour		white/grey-white
density		2,0 - 2,2 g/cm ³
bulk density		35g/l ± 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	0,5 - 2%
grain size distribution	>1,0 mm	0 - 5 weight%
	0,5 - 1,0 mm	10 - 35 weight%
	0,25 - 0,5 mm	20 - 45 weight%
	0,125 - 0,25 mm	15 - 40 weight%
	<0,125 mm	10 - 30 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%