

TECHNICAL DATA SHEET

Rawperlite, fine grade

shape		granulometric solid
colour		grey-brown
bulk density		approx. 1000 g/l
chemical composition	SiO ₂	60 – 80%
	Al ₂ O ₃	12 – 16%
	Na ₂ O	2 – 6%
	K ₂ O	2 – 5%
	CaO	0 – 2%
	MgO	0 – 1%
	Fe ₂ O ₃	0,5 – 2%
humidity		<1%
not expandables (measured in expanded material)		approx. 10%
possible bulk density of expanded perlite		48 – 72 g/l
grain size distribution (Retsch Camsizer X2/ Siebanalyse)	>500 µm	0 – 15 %
	250 – 500 µm	40 – 60 %
	125 – 250 µm	15 – 30 %
	<125 µm	5 – 25 %