



Institute for
Wastewater
Technology

PERFORMANCE RESULTS

Pipelife Corporate R&D
Flevolaan 7, 1600 AJ Enkhuizen
The Netherlands

Umwelttechnik Nord GmbH
Dorfstraße 20, 23714 Kreuzfeld
Germany

EN 12566-3 annex B **

“Small wastewater treatment systems for up to 50 PT”

Klärmax® / Pipelife SBR

SBR Treatment system with PAC dosing in a three chamber tank

Nominal organic daily load	0.19	kg/d
Nominal hydraulic daily load	0.60	m ³ /d
Material	PE	
Treatment efficiency (nominal sequences)	COD	94 %
	BOD ₅	98 %
	SS	94 %
	NH ₄ -N*	68 %
	P _{tot}	85 %
Electrical consumption	0.8	kWh/d

* determined for temperatures $\geq 12^{\circ}\text{C}$ in the bioreactor.

** DIBt - requirements

Performance tested by:

PIA - Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergenrather Weg 30

D-52074 Aachen

Certified according to
ISO 9001:2000



Notified Body number: 1739



This document replaces neither the declaration
of conformity nor the CE marking.

Prüfinstitut für Abwassertechnik GmbH

geprüft - tested - teste

Elmar Lancé

August 2008