



Prüfinstitut für
Abwassertechnik
GmbH

PERFORMANCE RESULTS

Otto Graf GmbH

Carl-Zeiss-Str. 2 - 6, 79331 Teningen, Germany

EN 12566-3

Small wastewater treatment systems for up to 50 PT

Small wastewater treatment system one2clean

SBR plant in one two-zone polypropylene tank

Test report PIA2014-216B14.01.e

Nominal organic daily load*	0.27	kg/d		
Nominal hydraulic daily load	0.75	m ³ /d		
Material	polypropylene			
Treatment efficiency (nominal sequences)			Efficiency	Effluent
	COD		94.2 %	43 mg/l
	BOD ₅		98.0 %	7 mg/l
	SS		96.3 %	14 mg/l
	NH ₄ -N**		98.3 %	0.5 mg/l
	N _{tot} **		87.0 %	7.9 mg/l
	P _{tot}		80.2 %	1.6 mg/l
Electrical consumption	0.63	kWh/d		

*at a test influent of ≥ 300 mg/l BOD₅ (mean)

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

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergenrather Weg 30

52074 Aachen, Germany

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



Notified Body
No.: 1739



Certified according to
ISO 9001:2008



Deutsche
Akkreditierungsstelle
D-PL-17712-01-00

Prüfinstitut für Abwassertechnik GmbH

Geprüft - tested - testé

Elmar Lancé

November 2014