

TREATMENT PERFORMANCE RESULTS

Premier Tech Aqua GmbH
Bei der neuen Münze 11, 22145 Hamburg, Germany

EN 12566-3

Results corresponding to EN 12566-3 and S.R. 66

PIA-SR66-1604-1055

SOLIDO smart

One-chamber SBR system in one PE tank

Nominal organic daily load	0.30 kg/d		
Nominal hydraulic daily load	0.90 m ³ /d		
Material	Polyethylene		
Watertightness	Pass		
Structural behaviour (Pit Test)	Pass (also wet conditions)		
Durability	Pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
		COD	95.1 % 39 mg/l
		BOD ₅	98.5 % 5 mg/l
		NH ₄ -N	98.0 % 0.7 mg/l
		SS	97.1 % 13 mg/l
Number of desludging	Not more than once		
Electrical consumption	0.81 kWh/d		

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
Elmar Lancé
geprüft - tested - teste

Elmar Lancé

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