

Inspection report: 350909/2.1/89813

Client: Techno Plast
Building Hamami
P.O. Box: 5846
SYRIA, Damascus

Production plant: SYRIA, Damascus-Saydanaya

Third party control: 2nd half-year 2009

Product: Heating pipes
Rohr PE-Xb 16 x 2.0 mm
Material: Polidan T/A HF

SKZ mark no.: A 365

Letter of: --- **Reference:** ---

Samples received: 2009-11-16 **Sampling:** 2009-11-05

Test period: 2009-12-02 to 2010-01-29

Result: The requirements of the HR 3.2: 2006-05 specification for tests and inspection of SKZ - TeConA GmbH are met.

The inspection report comprises 2 pages.

Würzburg, 2010-04-06
Sz/stei

i. A.



Dipl.-Ing. Christian Winkler



i. A.



Martin Schütz

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1. Inspection scope

The inspection scope complies with the HR 3.2: 2006-05 specification for tests and inspection of SKZ - TeConA GmbH.

2. Sampling

The samples were taken by an inspector of SKZ - TeConA GmbH on 5 November 2009 at the production plant in SYRIA, Damascus-Saydanaya.

3. Results

3.1 Marking: TECHNOPEX PEX-b 16x2 PN 12.5 20C MAX95C LOT20 ISO 15875-2 ISO 2505 EN 579 SKZ A365 + UVSTAB ISO 9001:2000 GERMAN CERTIFICATION MADE IN SYRIA 13:15:51 date 440

The following minimum marking data is missing: application class

3.2 Colour of the pipes: natural-coloured

3.3 Surface finish and condition as delivered: without objection

3.4 Dimension

designation		actual value in mm		set value in mm ¹	
		maximum	minimum	maximum	minimum
outside diameter	d ₁	16.1	16.1	16.3	16.0
wall thickness	s ₁	2.1	2.0	2.3	2.0

¹ dimensions according to company

3.5 Heat ageing

designation	unit in	average value	set value
longitudinal reversion	%	0.7	≤ 3.0

3.6 Condition after heat ageing: without objection

3.7 Long-term internal pressure test

test temperature in °C	test stress in N/mm ²	time to failure in h	
		actual value	set value
95	4.4	> 1000	≥ 1000

3.8 Material properties

designation	unit in	average value	set value
degree of crosslinking	%	59 / 62	≥ 65
homogeneity - microtome section procedure B	degree	2.0; type A 2	≤ 3

4. Assessment of production plant:

Assessment of laboratory staff and device equipment as well as internal production control.
 Result: without objection