

TEST REPORT NR. 82 / 1 / 07 (E)

(Amendment to test report n° 235/1/06)

Dalmine, 15/11/2007

Applicant: BAMPI S.p.A - via Borsellino, 4 - 25017 Lonato (BS)

Test sample received on 19.05.2006

Test sample declared by the manufacturer: n° 3 pipes DN 20 PN 20

PP-R norma EN ISO 15874 "GREENTHERM"

Test sample identification: 407/06

DETERMINATION OF RESISTANCE TO INTERNAL PRESSURE AT CONSTANT TEMPERATURE

Test method: EN 921

Wall thickness measured: minimum 3,4 mm

maximum: 3,6 mm

Mean outside diameter measured: 20,4 mm

Test beginning date: 03.07.2006 Test end date: 14.08.2006

Test temperature: (95 ± 1)°C

Environment: water in water test

Test pieces orientation in the tank: vertical

Type of end caps: a (without metal rod)

Stress applied: $\sigma = 3,5$ MPa

Test pressure applied: (14,0)^{+2%}_{-1%} bar

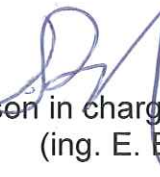
Prescribed duration of the test: > 1000 h

Test result:

| Test piece nr. 1 | Test piece nr. 2 | Test piece nr. 3 |
|------------------|------------------|------------------|
| > 1000 h | > 1000 h | > 1000 h |



The person in charge of the test
(p.i. G. Boate)



The person in charge of the laboratory
(ing. E. Bestetti)

The results of the determinations of this Test Report refer only to the test sample received.
Partial copies of this Test Report have to be authorized by Laboratorio Prove I.I.P.
The test sample is kept for two months from the date of emission of this test Report.