



REPORT N° 218/07

Milan, 10th October 2007

Customer: BAMPI S.p.A.		
Via Borsellino, 4 - 25017 Lonato (BS)		
Protocol n°: 113/05	Samples receiving date: 15/07/05	Beginning of tests: 08/11/05
Samples: (Samples delivered by the customer)	N°2 pieces of pipes + joints in P.P.R. Ø 20 Greentherm produced by BAMPI S.p.A. - Via Borsellino 4 - 25017 Lonato -BS, applied to the pipe by welding	

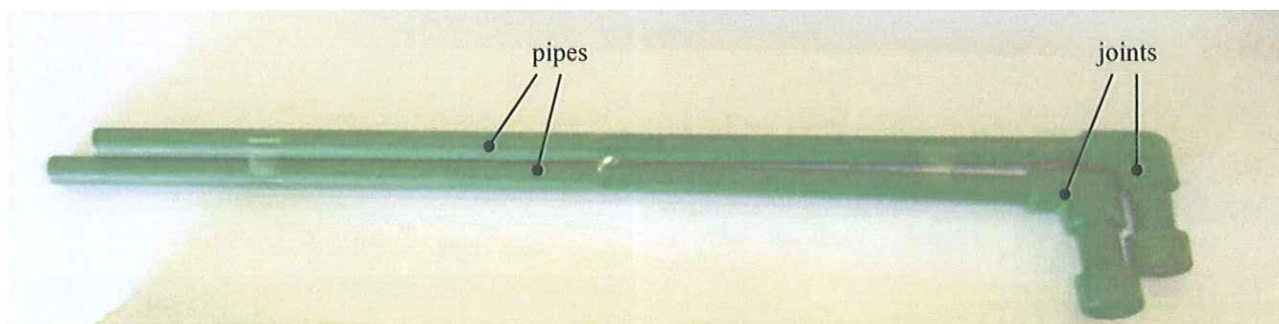


Photo 1

DETERMINATION OF THE CHARACTERISTICS

1 "Internal pressure resistance of pipes in polymeric material"	
Standard reference	UNI EN 921: 1995
Number of test specimens	2
Nominal size of the pipe [mm]	DN 20
Specimen preparation	By cutting
Test conditions	Water in air
Conditioning [h]	1
Specimen positioning in the tank	Vertical
Test temperature	95 ± 1
Buffer type	A (without rod)
Time to reach the test pressure [sec]	60
Test duration [h]	1000

<i>Specimen description</i>	Specimen	Minimum thickness [mm]	Outside diameter [mm]	Total length [mm]	Free length [mm]
	1	3,33	20,32	603	598
	2	3,40	20,35	603	598

Test results

Specimen	Applied stress [MPa]	Test pressure [bar] (*)	Break	Breaking time [h]	Break type
1	3,50	14,04	NO	> 1000	\
2	3,50	14,04	NO	> 1000	\

(*) The pressure accuracy is of + 2 %, - 1 %

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