

PRODUCTION TEST 12/70



DATE:	22/07/2008	TIME:	17:04:10
CTG. MODEL:	AP	BATCH N°:	08-3337
CASE MARK/TYPER:	FIOCCHI PLASTIC BLACK	PRIMER MARK/TYPER:	FIOCCHI 615
POWDER MARK:	SNIA	CHARGE WEIGHT:	1.68 g
WAD MARK:	GUALANDI	COMPLETE CARTRIDGE HEIGHT:	69.5 mm
BARREL N°:	07-0060-00	PIEZO TRANSDUCER TYPE:	PCB M118
SERIAL NUMBER:	3813	V1 MEASURED AT:	2.5 m
BASE:	0.5 m	V2 MEASURED AT:	10 m
BASE:	20 m	BAROMETRIC PRESSURE:	1003 hPa
AMBIENT TEMPERATURE:	27 C	RELATIVE MOISTURE:	65%

N	BT/AT [us]	V1 [m/s]	V2 [m/s]	P1 [bar]	int [bar*s]	T1 [us]
1	3297	402.2	348.7	690	0.493	945
2	3007	404.0	348.8	663	0.503	585
3	3447	404.2	348.5	638	0.490	1055
4	3433	402.5	348.5	654	0.504	785
5	3308	404.0	349.0	670	0.492	925
6	3242	406.5	348.5	692	0.504	865
7	2122	394.4	331.9	604	0.437	645
8	3047	414.2	325.8	828	0.528	735
9	3265	407.3	349.0	739	0.512	925
10	3300	403.6	348.8	707	0.497	935

AVERAGE	3146.9	404.3	344.8	688.5	0.4960	840.0
MIN	2122.2	394.4	325.8	604.0	0.4365	585.0
MAX	3447.3	414.2	349.0	828.0	0.5276	1055.0
RANGE	1325.1	19.8	23.2	224.1	0.0911	470.0
SD	386.8	4.9	8.5	61.7	0.0237	148.5
C95%	272.6	3.5	6.0	43.5	0.0167	104.6
PK2				867.99		

BATCH 1-Shot number
BATCH 2-Shot number
TRANSUCER CH.9
TRANSUCER CH.10

Barrel Time

V1

V2

Next Shot

P1

P2

Annulled Shot

Integral

T1

Delete Batch

Batch 1

Batch 2

Shot Number

Mode

Pressure

Delete Shot

Graph

Exit

The graph plots Pressure (y-axis, -20 to 1000) against Time (x-axis, 0 to 3500). A red curve shows a pressure rise starting around 500 microseconds, peaking at approximately 450 bar around 1000 microseconds, and then gradually decaying back to baseline by 2000 microseconds.