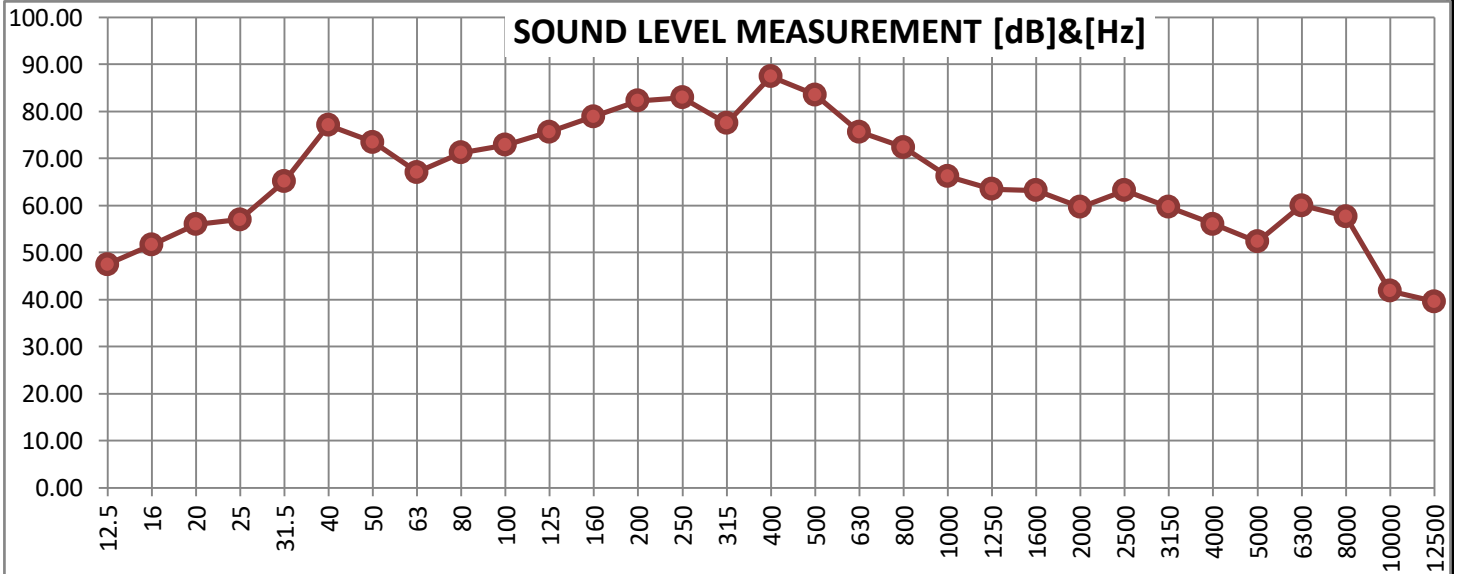


**MEASUREMENT OF SOUND LEVEL**

Customer :	Furkan ERGİN	Measurement No :	Project 002
Measurement Date/Time	22.11.2017 09:44	Frequency Range	12,5-20.000 Hz
Equipment Type	Bruel Kjeaar Type2250	Frequency Bandwidth	1/3-octave

**Measurement Data**

Frequency [Hz]	Measured Level [dB]	Frequency [Hz]	Measured Level [dB]
12.5	47.53	630	83.54
16	51.68	800	75.69
20	56.03	1000	72.44
25	57.00	1250	66.23
31.5	65.16	1600	63.48
40	77.09	2000	63.23
50	73.49	2500	59.70
63	67.07	3150	63.23
80	71.28	4000	59.70
100	72.91	5000	56.11
125	75.68	6300	52.33
160	78.94	8000	60.00
200	82.27	10000	57.72
250	85.27	12500	46.33
315	82.98	16000	41.83
400	77.52	20000	39.60
500	87.46		
<b>Sound Pressure Level [dB(A)]</b>		<b>87.82</b>	



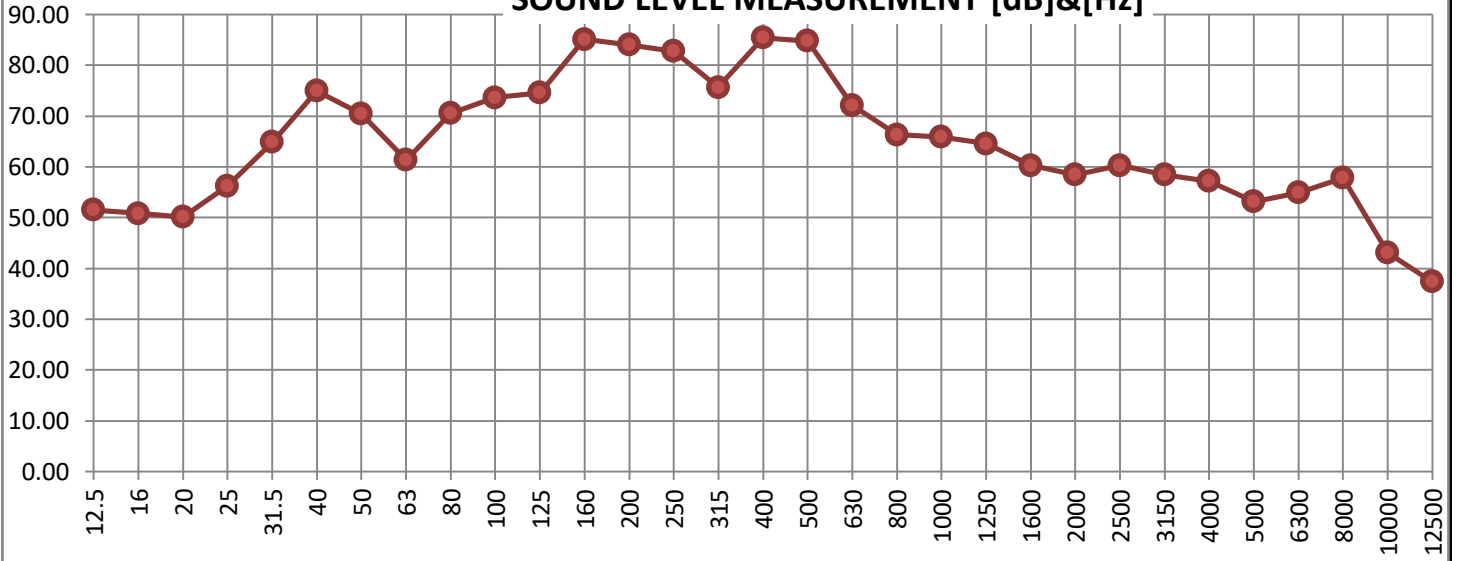
Tested By:	Checked By:	Customer or Representative:
Furkan ERGİN	Furkan ERGİN	

1. Numune yoğunluğu  $d=0,025 \text{ gr/cm}^3$

Customer :	Furkan ERGİN	Measurement No :	Project 003
Measurement Date/Time	22.11.2017 09:46	Frequency Range	12,5-20.000 Hz
Equipment Type	Bruel Kjeaar Type2250	Frequency Bandwidth	1/3-octave

**Measurement Data**

Frequency [Hz]	Measured Level [dB]	Frequency [Hz]	Measured Level [dB]
12.5	51.55	630	84.83
16	50.83	800	72.12
20	50.16	1000	66.37
25	56.25	1250	65.92
31.5	64.87	1600	64.57
40	74.99	2000	60.30
50	70.43	2500	58.49
63	61.36	3150	60.30
80	70.58	4000	58.49
100	73.64	5000	57.18
125	74.58	6300	53.16
160	85.16	8000	54.94
200	84.04	10000	57.85
250	87.10	12500	48.22
315	82.79	16000	43.06
400	75.70	20000	37.40
500	85.47		
<b>Sound Pressure Level [dB(A)]</b>		<b>87.46</b>	

**SOUND LEVEL MEASUREMENT [dB]&[Hz]**

Tested By:	Checked By:	Customer or Representative:
Furkan ERGİN	Furkan ERGİN	

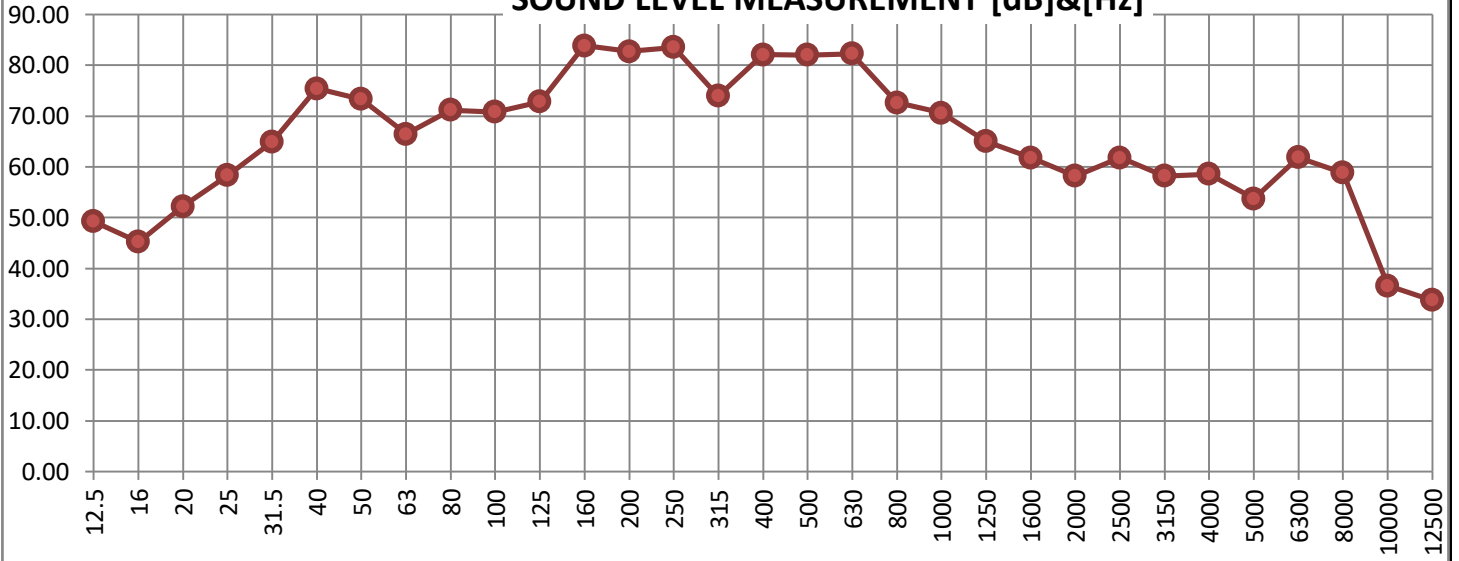
2. Numune yoğunluğu  $d=0,0365 \text{ gr/cm}^3$

**MEASUREMENT OF SOUND LEVEL**

Customer :	Furkan ERGİN	Measurement No :	Project 004
Measurement Date/Time	22.11.2017 09:50	Frequency Range	12,5-20.000 Hz
Equipment Type	Bruel Kjeaar Type2250	Frequency Bandwidth	1/3-octave

**Measurement Data**

Frequency [Hz]	Measured Level [dB]	Frequency [Hz]	Measured Level [dB]
12.5	49.28	630	82.02
16	45.25	800	82.28
20	52.22	1000	72.65
25	58.33	1250	70.62
31.5	64.94	1600	65.04
40	75.43	2000	61.83
50	73.37	2500	58.24
63	66.45	3150	61.83
80	71.20	4000	58.24
100	70.80	5000	58.59
125	72.87	6300	53.76
160	83.88	8000	61.89
200	82.76	10000	58.87
250	85.56	12500	46.86
315	83.57	16000	36.60
400	73.96	20000	33.79
500	82.10		
Sound Pressure Level [dB(A)]		86.99	

**SOUND LEVEL MEASUREMENT [dB]&[Hz]**

Tested By:	Checked By:	Customer or Representative:
Furkan ERGİN	Furkan ERGİN	

**3. Numune yoğunluğu  $d=0,78 \text{ gr/cm}^3$**



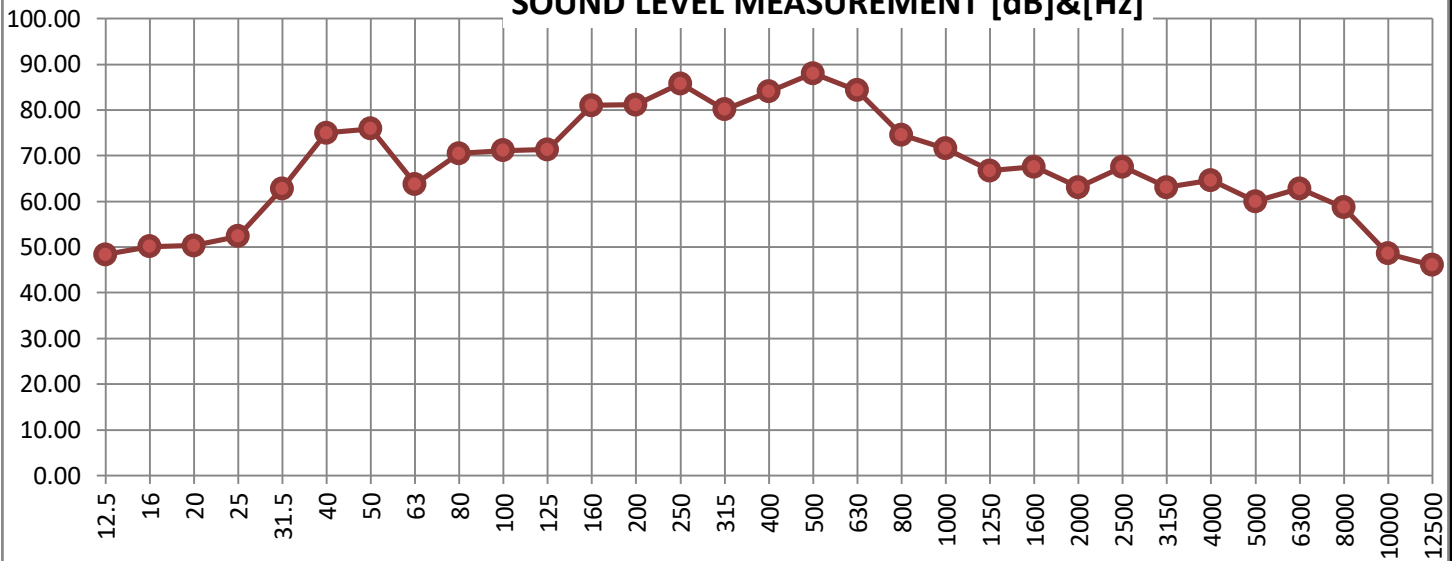
## MEASUREMENT OF SOUND LEVEL

Customer :	Furkan ERGİN	Measurement No :	Project 001
Measurement Date/Time	22.11.2017 09:40	Frequency Range	12,5-20.000 Hz
Equipment Type	Bruel Kjeaar Type2250	Frequency Bandwidth	1/3-octave

### Measurement Data

Frequency [Hz]	Measured Level [dB]	Frequency [Hz]	Measured Level [dB]
12.5	48.37	630	88.03
16	50.14	800	84.31
20	50.30	1000	74.57
25	52.33	1250	71.56
31.5	62.79	1600	66.70
40	74.95	2000	67.54
50	75.86	2500	63.06
63	63.76	3150	67.54
80	70.53	4000	63.06
100	71.15	5000	64.61
125	71.36	6300	59.97
160	81.02	8000	62.81
200	81.16	10000	58.65
250	86.80	12500	49.94
315	85.78	16000	48.60
400	80.07	20000	46.09
500	84.03		
<b>Sound Pressure Level [dB(A)]</b>		<b>90.17</b>	

SOUND LEVEL MEASUREMENT [dB]&[Hz]



Tested By:	Checked By:	Customer or Representative:
Furkan ERGİN	Furkan ERGİN	