

# EU Type Examination Certificate

This is to certify that:

IS KORUMA IS GUVENLIGI MALZEMELERI SAN.  
TIC.LTD.STI  
PERPA TICARET MERKEZI B BLOK KAT 8  
NO 978-980 SISLI  
ISTANBUL  
Turkey

Holds Certificate Number:

CE 778436

In respect of:

## Personal Hearing Protection to EN 352-2:2020

on the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified  
Body for the above Regulation  
(Notified Body Number 2797):

Denelise L'Ecluse, Managing Director Assurance - Continental  
Europe

First Issued: 2023-04-14

Latest Issue: 2023-04-14

Effective Date: 2023-04-14

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Page: 1 of 4



# EU Type Examination Certificate

No. CE 778436

## Product Specification

**Product Range:** ARAN 192932, ARAN 192995, ARAN 301112, ARAN 192956

**Product Type:** Hearing protectors – ear-plugs.

**Product Description:** Ear-plugs – PU Foam – Uncorded and Corded

**Size:** 6 – 12mm

Performance Data:	Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
<b>Mean Attenuation (dB)</b>		39.2	35.4	40.3	41.7	39.4	37.7	44.2	46.5
<b>Standard Deviation(dB)</b>		6.0	5.8	5.5	5.8	5.4	3.1	4.9	4.2
<b>APV (dB)</b>		33.2	29.6	34.8	35.8	33.9	34.7	39.3	42.3
<b>SNR<sub>m</sub>: 40.4</b>	<b>H<sub>m</sub>: 39.3</b>				<b>M<sub>m</sub>: 38.7</b>		<b>L<sub>m</sub>: 38.4</b>		
<b>SNR<sub>s</sub>: 3.0</b>	<b>H<sub>s</sub>: 3.0</b>				<b>M<sub>s</sub>: 3.5</b>		<b>L<sub>s</sub>: 4.0</b>		
<b>SNR: 37.0</b>	<b>H: 36</b>				<b>M: 35</b>		<b>L: 34</b>		

**Technical Specification:** Harmonized European Standard: EN 352-2:2020.

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Page: 2 of 4

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# EU Type Examination Certificate

No. CE 778436

**Product Range:** ARAN 192314  
**Product Type:** Hearing protectors – ear-plugs.  
**Product Description:** Ear-plugs – Thermo-plastic rubber - Corded  
**Size:** 7 – 12mm

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
<b>Mean Attenuation (dB)</b>		31.5	28.5	31.5	33.2	31.7	34.5	37.4	41.8
<b>Standard Deviation(dB)</b>		5.5	3.9	5.4	5.4	4.5	3.9	4.9	3.3
<b>APV (dB)</b>		26.0	24.6	26.1	27.8	27.2	30.6	32.6	38.5
<b>SNR<sub>m</sub>: 34.6</b>		<b>H<sub>m</sub>: 34.7</b>			<b>M<sub>m</sub>: 32.2</b>		<b>L<sub>m</sub>: 31.5</b>		
<b>SNR<sub>s</sub>: 3.4</b>		<b>H<sub>s</sub>: 3.3</b>			<b>M<sub>s</sub>: 3.8</b>		<b>L<sub>s</sub>: 4.2</b>		
<b>SNR: 31.0</b>		<b>H: 31</b>			<b>M: 28</b>		<b>L: 27</b>		

**Technical Specification:** Harmonized European Standard: EN 352-2:2020.

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Page: 3 of 4

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# EU Type Examination Certificate

No. CE 778436

## Certificate Amendment Record:

Products initially approved on BSI Certificate: CE 761417

Issue date	Comments	BSI Review No.
April 2023	First issue.	2797:23:3755986

## Certificate validity

The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall process utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

The validity of the Certificate for the products is also dependent on the maintenance of the EU Conformity to Type Based on Quality Assurance of the Production Process, Annex VIII (Module D), as referenced on BSI issued Certificate CE 757571.

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