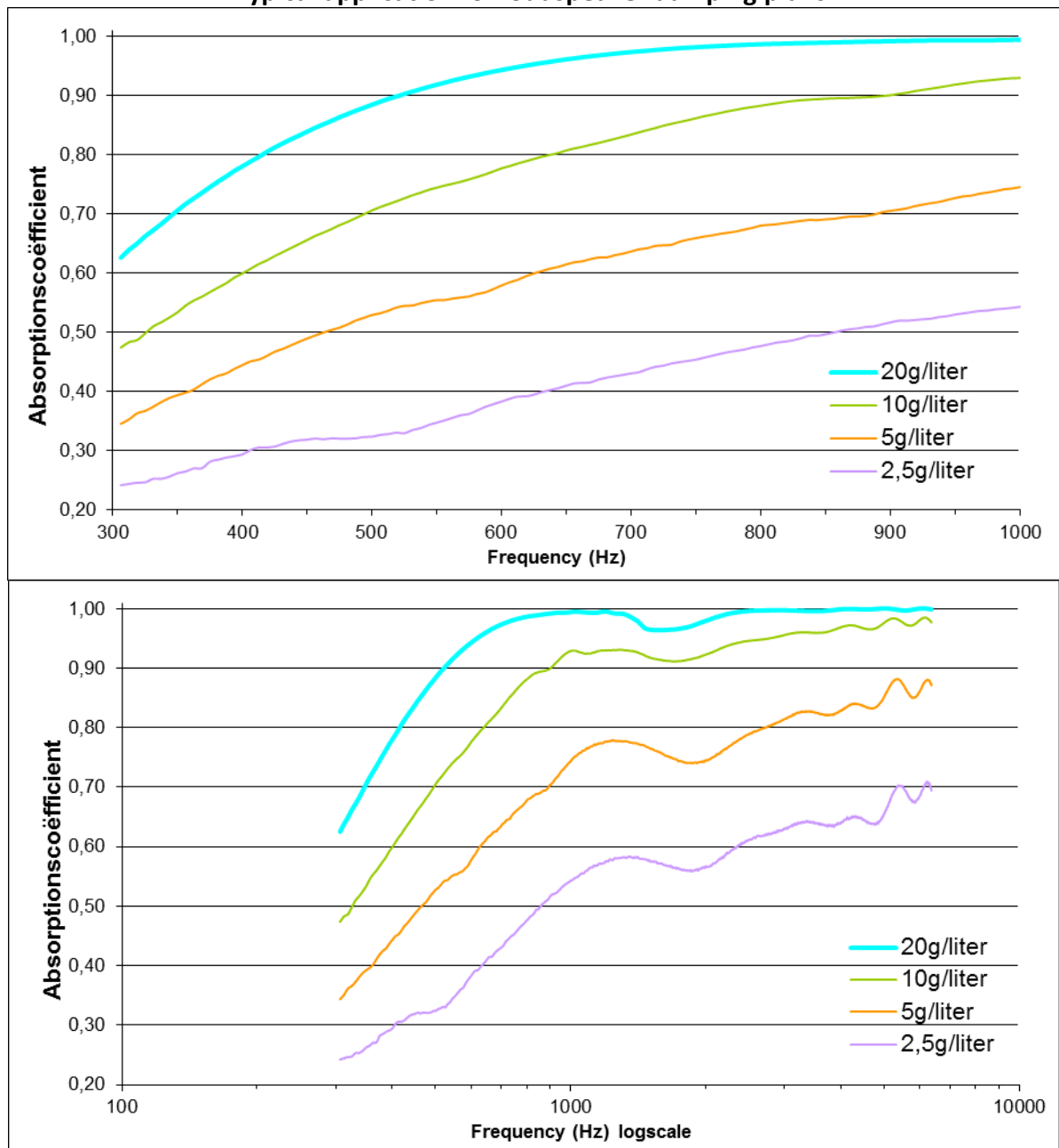


### Measurement configuration:

Type of measurement tube	: SAB – 105_30	Averaging number	: 50
Tube length	[mm] : 280	Measurements	: 1600
Tube diameter	[mm] : 30	Temperature [°C]	: 20
Microphone distance	[mm] : 24	Air pressure [Pa]	: 1013,25
Distance Microphone - Material	[mm] : 90	Chamber volume	: 71 cm <sup>3</sup>

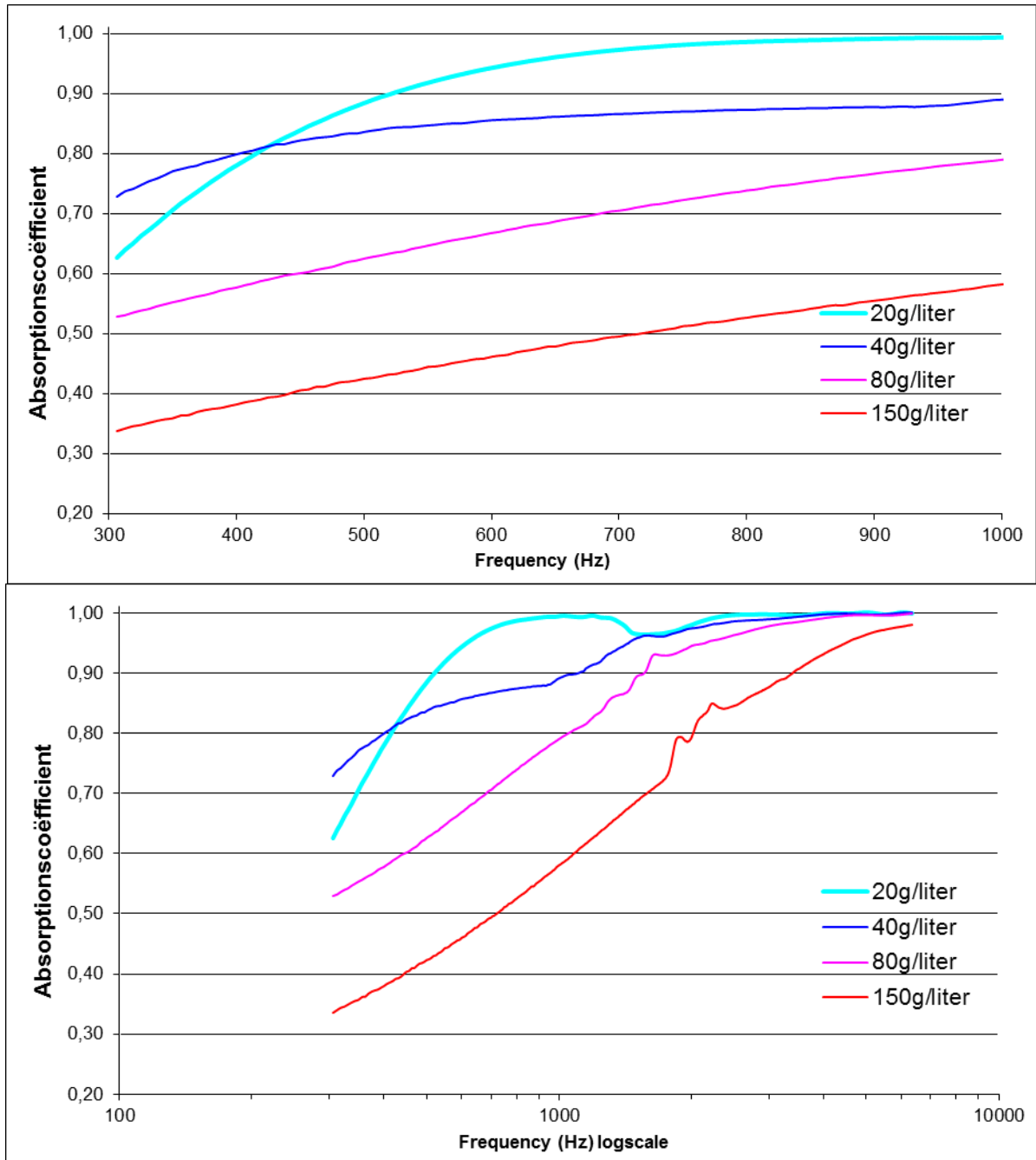
Measurements performed by TITK institute, TFS DYNPACK v01.00.22, Sound Absorption Protocol at 08/08/2008 for Teijin / Eltim.

### Typical application for loudspeaker damping plans:



As shown in these graphs a density of only 3-10 grams/litre volume is sufficient for loudspeaker applications.

## Typical application for damping panels and tubetraps:



*As shown in these graphs, low frequencies will be damped less the more you fill for example hollow walls or sound absorbing panels and tubes, since it becomes more and more dense and so more or less responding to low frequency vibrations.*

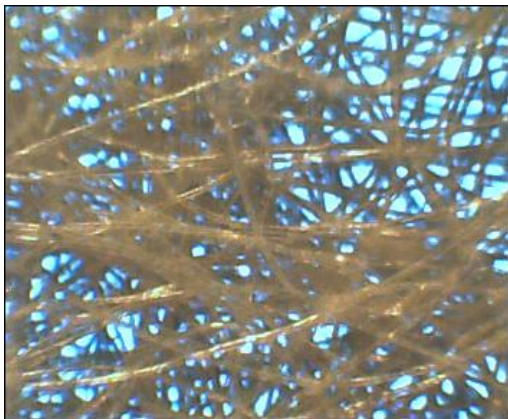
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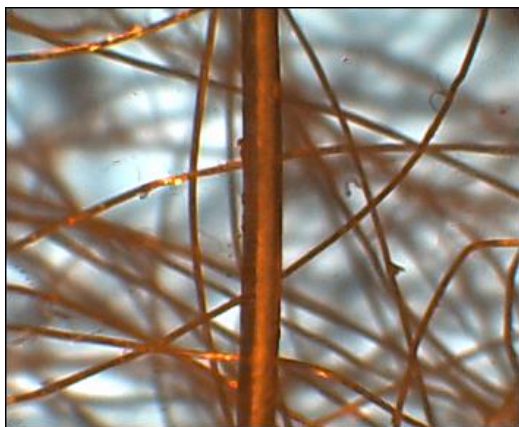
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Clean structure under a microscope.



Angel Hair compared with a human hair.



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