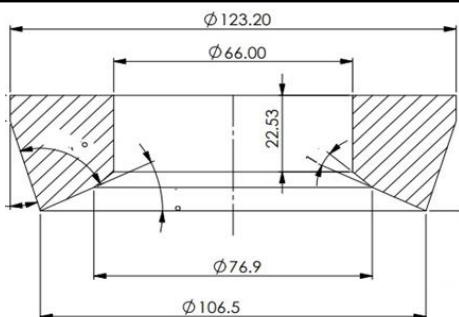




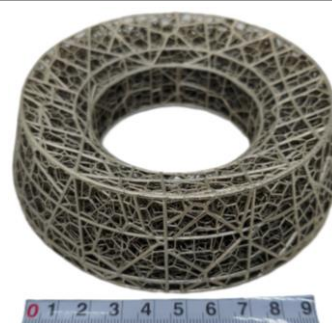
RAHYAFT
ADVANCED SCIENCES & TECHNOLOGIES

Ni-4"-Class 300 foam silencer datasheet.

Dimensions; mm



4"-Class 300



Properties

Mass (g)

Varieties in weight➔

155 ± 5

175 ± 5

200 ± 10

Multi-regions (main and core)

No

No

NO

Number of main pores / inches; PPI

7

7

7

Number of core pores / inches; PPI

-

-

-

Number of reinforcement pores / inches; PPI

2.5

2.5

2.5

Density average; g/cm³

0.72

0.78

0.91

Porosity; %

80

79

78

Relative density; -

0.20

0.21

0.22

Estimated average pore diam; mm

3.53

3.28

3.23

Estimated Specific Surface; cm²/cm³

19.19

19.19

19.19

Compression strength as ISO33144; MPa. ±0.25

4.12

4.13

4.3

Composition

Ni; wt.%

99.85

Architecture of metal foam 3D- geometry

Regions

Main

Core

Reinforcement web

Yes

-

Heterogeneous cells

Yes

-

Number of 3D-cells /cubic inch; PPCI

343

-

Volume of silencer; cm³

223.01

-

Tehran, Azadi Street, Next to Sharif University of Technology, Ghadir Alley, No. 5, Unit 11

Website: www.a-sciences.com

Email: info@a-sciences.com

WhatsApp: 0990-7601383

Phone: 021-66081056