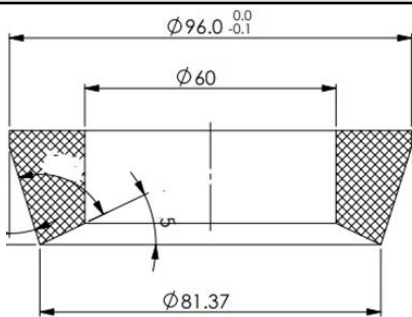




RAHYAFT
ADVANCED SCIENCES & TECHNOLOGIES

Ni-3"-Class 300 foam silencer datasheet.

Dimensions; mm



3"-Class 300



Properties

Mass (g)

Varieties in weight➔

97 ± 3

104 ± 2

115 ± 2

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

1.12

1.17

1.29

Porosity; %

74

73

71

Relative density; -

0.26

0.27

0.29

Estimated average pore diam; mm

3.23

3.18

3.13

Estimated Specific Surface; cm²/cm³

25.13

25.13

25.13

Compression strength as ISO33144; MPa. ±0.25

3.75

3.80

4.12

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

89.94

-

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