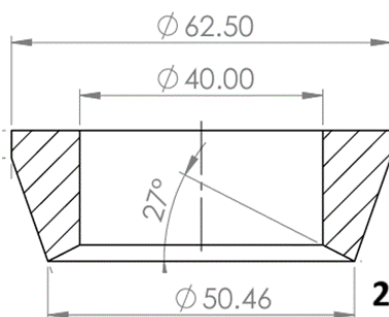




RAHYAFT
ADVANCED SCIENCES & TECHNOLOGIES

Ni-2"-Class 600 foam silencer datasheet.

Dimensions; mm



2"-Class 600



Properties

Mass (g)

Varieties in weight➔

45 ± 3

55 ± 2

65 ± 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

1.85

1.92

1.98

Porosity; %

69

66

64

Relative density; -

0.31

0.34

0.36

Estimated average pore diam; mm

3.21

3.17

3.08

Estimated Specific Surface; cm²/cm³

23.57

23.57

23.57

Compression strength as ISO33144; MPa. ±0.25

3.81

3.93

4.00

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

28.59

-

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