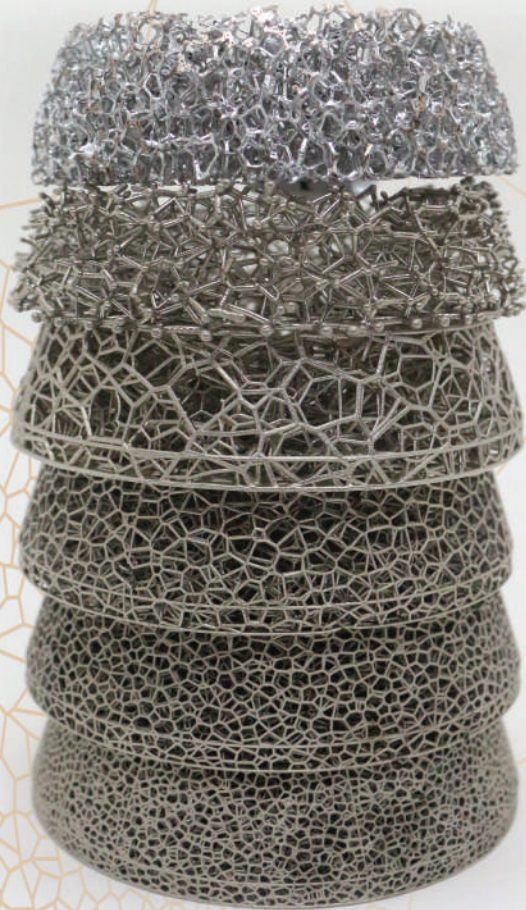


Application

*Heat exchangers
Air/Oil separators
Energy absorbers
Sandwich structures
Functionally graded materials
High temperature filters
Electrodes
Acoustic devices
Gas axial flow valve silencers*



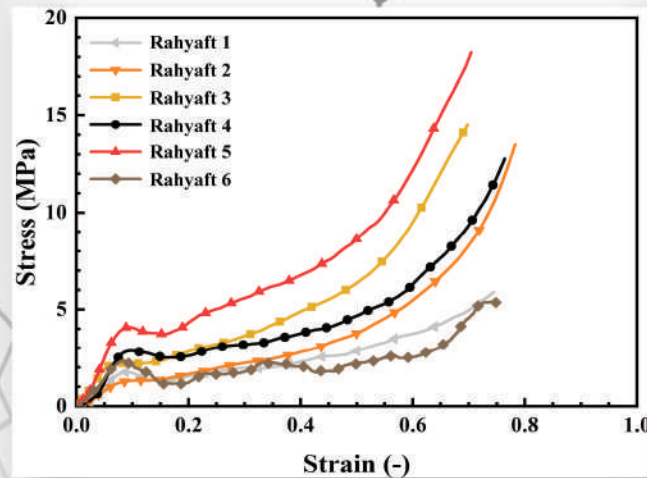
Technical specifications

*Our manufacturing processes leads to magnificent mechanical characteristics.
With our novel production method, we have a full control on pore numbers, surface area, component topology.*



Mechanical characteristics: (According to base material)

*Yield point of 3- 6 MPa
Energy absorption of 1.8 - 5.5 mj/mm³
energy absorption efficiency of 75%*



What we offer

We are using novel manufacturing methods to prepare high quality porous materials for different applications.



Topological optimization of industrial components

Rahyaft's technology is not limited to a specific metal. Currently, we produce open-cell metal foams based on Cu, Ni, Ag, and Au with a high dimensional accuracy. Composite structures possess a homogeneous porous structure.

