

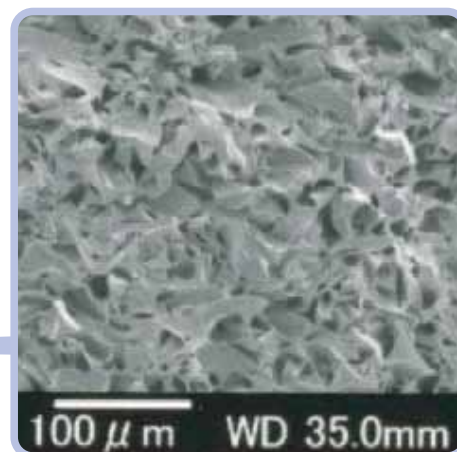
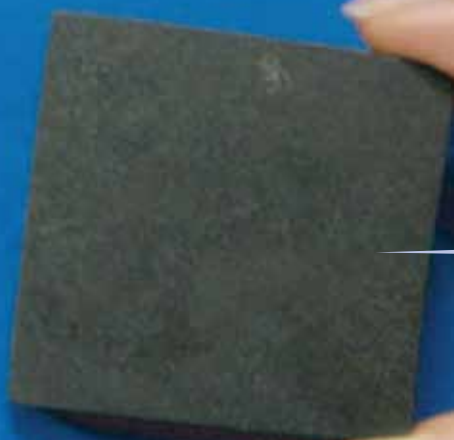


Porosity Carbon Board

UPI CARBON N

ユピカーボンN

Standard Products Size : 40mm × 40mm H6mm



SME photo

UPICARBON-N is light weight porous carbon board with good air permeability

Features

- Low density , Lightweight
- Good permeability
- Easy machining
- Good conductivity

Applications

- Thermal insulator for high temperature
- Crucible Heat-treatment
- Air Purification
- Filters etc.

Properties

Item	Typical Values	Unit	Test Method
Apparent density	0.6~0.9	g/cm ³	gravimetric method
Hardness	70		ASTM D2240
Ash	<0.3	%	TGA
Volumre resistivity (Horizontally)	0.2	Ωcm	4-pin probe method
Volumre resistivity (Thickness)	6	Ωcm	4-pin probe method
porosity	30~50	%	mercury porosimeter
Average porosity	15	μm	mercury porosimeter
Thermal Conductivity (Room)	0.4	W/(m.k)	Laser Flash Method
Thermal Conductivity (1000°C)	1.1	W/(m.k)	Laser Flash Method

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