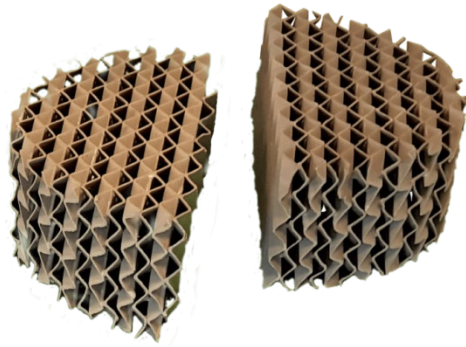


Ceramic structured packing

Ceramic packing



MTE developed a ceramic structured packing made of thin-walled ceramic suitable for corrosive or high temperature applications, where other materials like metal or plastic are not suitable.

The geometrical surface area of the ceramic generates about 450 m²/m³ of surface area, creating a high separation performance. Many columns have been installed with MTE packing and have proven to be very stable and reliable in corrosive environments. The packing can be supplied in a single piece construction for small columns and multi piece constructions for larger inner diameters.

Applications

- » Absorption systems with most acids or solvents
- » In glass or enamelled columns
- » Vacuum columns
- » Rectification of corrosive mixtures
- » Corrosive applications with high demand of theoretical stages and low pressure drop requirements

Benefits

- ✓ High surface area, high number of theoretical stages per meter
- ✓ High gas capacity
- ✓ Low pressure drop per meter
- ✓ Low liquid loads possible
- ✓ Very suitable in corrosive applications

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Specifications

Some physical properties of type 450 Y

Specific gravity	2.15 – 2.35 g/cm ³
Water absorption	< 0.5%
Acid resistance	< 4%
Max. operating temperature	1100 °C
Bulk density	850 kg/m ³
Surface area	450 m ² /m ³
Voidage	74%

Other sizes are available on request.

For additional information, support or (special) requests,
please contact our sales department.

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