

Structured Packing for Distillation Columns

Structured packing is a mass transfer media used in distillation columns and absorption towers. The honeycomb structure provides a high surface area for vapor-liquid contact, enhancing separation efficiency.



Product Overview

High-Efficiency Mass Transfer Media

This structured packing is a specialized mass transfer media engineered for optimal performance in distillation columns and absorption towers. Featuring a unique honeycomb structure, it provides a high surface area to facilitate superior vapor-liquid contact. Its geometric design is specifically intended to promote uniform fluid distribution, reduce channeling, and minimize pressure drop, making it an ideal solution for demanding chemical and process engineering separation tasks.

Technical Specifications

| | |
|-----------------------|---|
| Material Composition | Rigid plastic or ceramic |
| Suitable Applications | Distillation Columns, Absorption Towers, Separation Processes, Chemical Engineering |

Performance Features

Performance Advantages

1 High

Surface Area Optimization

2 Minimal

Pressure Drop

Design & Flow Characteristics

- Honeycomb geometric structure
- Uniform flow distribution
- Reduced fluid channeling
- Enhanced separation efficiency