Random Packing Sulzer

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Random Packing Sulzer

Random packing From competitive products to ... - Sulzer
random packing is typically used in the main wash, recti-fier and degasser columns due to their characteristically high specific liquid load Replacing previous gen-eration of random packing with the equivalent Sulzer NeXRing can lead to higher capacities without loss of efficiency In these unit op-erations it is fairly common
Random Packing - WordPress.com
Mar 01, 2015 · Sulzer offers a wide range of Random Packing types and sizes, covering from 1st generation to 3rd generation, comprising the Nutter Ring TM, I-RingTM, C-RingTM, P-RingTM and R-RingTM The I-Ring, C-Ring, P-Ring and R-Ring are equivalent to the widely used IMTP, CMR, Pall Ring and Raschig Ring respectively Benefit from Sulzer global souring
Mass Transfer Technology
Random Packing We offer traditional and high performance random packing including Nutter Rings TM, I-Rings, C-Rings, P-RingsTM and R-Rings TM, in metal or plastic, which makes us a one stop solution provider Internals for Packed Columns Even the best packing type will never provide its full performance if the related internals are not designed
The New Sulzer Mellapak™CC™ and AYPlus™DC Structured ...
Why Sulzer Mellapak instead of Random Packing ? Sulzer Chemtech Mellapak Structured Packing offers better hydraulic & mass transfer characteristics compared to Random Packing (Rings) on a volume basis Improved mass transfer due to increased specific area less packing height Less pressure drop due to the defined geometrical structure less
NeXRing - High Performance Packing for Demanding ...
Sulzer’s NeXRing™ is a high performance random packing of the 4th generation Since the development of the first member in 2014, six other ring

sizes joined the packing family They cover the industrially relevant range of specific area and serve all typical ring applications Until …

Random Packing - hatltd.com

"generic" random packing is widely available in the public domain The "Generalised Pressure Drop Correlation" is the most frequently published design tool for calculating packed bed diameter and determining the operating capacity for most "generic" random packings based upon a characteristic "Packing Factor" for each packing

Structured Packings for Distillation, Absorption and …

Structured Packings for Distillation, Absorption and Reactive Distillation packing Sulzer Chemtech offers The program is based on our equipped with trays or random packings, have been revamped with Mellapak in orderto improve yield or purity or to in-crease

Metal Random Packing - NTNU

high performance internals with IMTP random packing provides the highest random packing performance avail-able in the industry For design information relating to IMTP random packing,please request brochure KGIMTP-1 Material of Construction In addition to the size and style options,these packings are also offered in various materials of

Packed Columns: Design and Performance

Structured packing Wire-mesh typed Sulzer BX and CY Mellapack (Sulzer) Flexipack (Koch Glitsch) Gempack (Koch Glitsch) Intalox (Norton) Montz packing (Montz) aDeveloped by BASF, still marketed (or variations of it) by most packing manufacturers bDeveloped by Leva, marketed by Nutter cVariations of these grids are now offered by most packing

Structured Packings - Sulzer

of structured packings Sulcol Design Program A program that enables users to carry out hydraulic design of columns featuring every type of packing Sulzer Chemtech offers The program is based on our ex- perience with several thousand industrial columns and from ex-perimental data measured in our own test column with a diameter of 1 m

World-Class. World Scale. Worldwide. - Sulzer chemtech

Sulzer Chemtech controls sufficient manufacturing capacities to meet world scale demands for Random Packing everywhere in the world Complete Portfolio *) Sulzer Chemtech develops, designs and manufactures all kind of mass transfer equipment and will offer you the most suit-able technology for the task at hand Sulzer Chemtech Tower Field

HETP EVALUATION OF STRUCTURED PACKING DISTILLATION …

high, with internals of Sulzer DX gauze stainless steel structured packing The main purpose of this work was to evaluate HETP of a structured packing laboratory scale distillation column, operating continuously Six HETP correlations available in the literature were compared in order to find out which is the most appropriate for structured

Packed Tower Internals - NTNU

Packing Bed Limiters 27 803 Structured packing bed limiter,non-interfering 133 403 HDG-421 27 805 Random packing bed limiter,non-interfering 103 401 BLM-461 28 815 Anti-migration screen between different packing sizes 111 34 825 Random packing bed limiter 823 BLM-451 28 845 Bed limiter used in combination with spray distributors 822 34

Handling, Installation and Operating Instructions For …

There are many ways to install plastic random packing Installation procedures vary depending on the column diameter, size of packing, packed bed

height, and position of other internals Generally, if com-mon sense is used, problems can be avoided For small …

HETP Evaluation of Structured and Randomic Packing ...

HETP Evaluation of Structured and Randomic Packing Distillation Column 43 According to the double film theory, HETP can be evaluated more accurately by the following expression (Wang et al, 2005): Gs Ls 1 ln Ge Le u u HETP ka ka O O O ª º « » ¬ ¼ (6) Therefore, the precision to evaluate HETP by equation (6) depends on the accuracy of

Choosing Trays and Packings for Distillation

Tower internals can be trays, random packing, or structured packing Generally speaking, trays are used in applications with liquid rates of 30 m3/m2-h and above, and/or those where solids are present or fouling is a con-cern Structured packings are typically used in lower-liquid-rate applications (ie, less than 50 m3/m2-h), especially

The New Sulzer Mellapak™CC™ and AYPlus™DC Structured ...

Why Sulzer Mellapak instead of Random Packing ? Sulzer Chemtech Mellapak Structured Packing offers better hydraulic & mass transfer characteristics compared to Random Packing (Rings) on a volume basis Improved mass transfer due to increased specific area less packing height Less pressure drop due to the defined geometrical structure

STANDARDIZATION OF STRUCTURED PACKING EFFICIENCY ...

VERSION 1 - Standardization of Structured Packing Efficiency Measurements 14 March 2008 FOREWORD In what follows you will find a document that summarizes the results of a literature study that was encouraged and supported by BASF SE

Improvements in Distillation Design - AIChE

Sulzer Chemtech May 24, 2012 Page 41 Packing Distributor Technology You can have the best packing in the world but this packing can only be as good as the initial distribution A poor distributor will make the best packing operate poorly Pour point density, uniformity of distribution and available