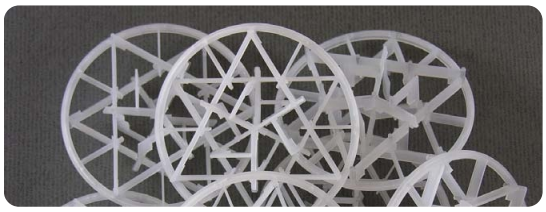
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RANDOM PACKINGS | PLASTIC

Astrapak, high performance random packing



Polypropylene Astrapak

Astrapak is a high performance plastic random packing. Compared with Pall rings, it offers a higher gas capacity and a lower pressure drop.

Type	Astrapak
Family	Plastic random packing
Reference material	Polypropylene

Main characteristics (polypropylene)

Characteristic	Astrapak	Pall 2"	Pall 1.5"
Density (kg/m³)	53	45	52
Surface area (m²/m³)	102	105	145
Packing factor (m^{-1})	43	79	107
Void fraction (%)	96.6	95	94
Gas capacity	1.36	1	0.86
Pressure drop	0.54	1	1.35
Efficiency	1.20	1	1.38

Gas capacity, pressure drop and efficiency: relative values, Pall 2" = 1.