

NAIKE Plastic Pall Ring: NK-PPR

Brief introduction

NAIKE Plastic Pall Ring is versatile. This product was advanced on the basis of Plastic Rasching Ring, and compared with it, both of them have similar cylindrical dimensions but the Plastic Pall Ring has two rows of punched out holes, with fingers or webs turned into the centre of the cylinder, which significantly increases the performance of the packing, in terms of throughput, efficiency and pressure drop.

Advantage

- High Free Volume
- Low Pressure Drop
- Low mass-transfer
- High flooding point
- small specific gravity
- High mass transfer

Application

- Absorbers
- Degassing
- Liquid/liquid extraction
- water treatment
- Heat transfer



Packing

- 25kgs/50kgs compound plastic bag
- 1 cubic meter Jumbo bag
- Other packing is available upon your request.

Technical Parameter

D×H×δ mm	Specific area m ² /m ³	Void Rate %	Bulk Number pcs/m ³	Package Density (kg/m ³)	F factor m ⁻¹
16*16*0.8	188	91	170000	68	275
25*25*1.0	175	90	53500	57	239
38*38*1.2	115	89	15800	53	220
50*50*1.5	93	90	6500	46	127
76*76*2.2	73.2	92	1927	41	94
100*100*3.4	52.8	94	880	38	82

Physical & Chemical Properties

Performance/Material	PE	PP	RPP	PVC	CPVC	PVDF
Density(g/cm ³)	0.94-0.96	0.89-0.91	0.93-0.94	1.32-1.44	1.50-1.54	1.75-1.78
Operation Temp(°C)	90	>100	>120	>60	>90	>150
Chemical Corrosion	Good	Good	Good	Good	Good	Good
Compression Strength(MF)	>6.0	>6.5	>7.0	>6.0	>8.0	>10.0