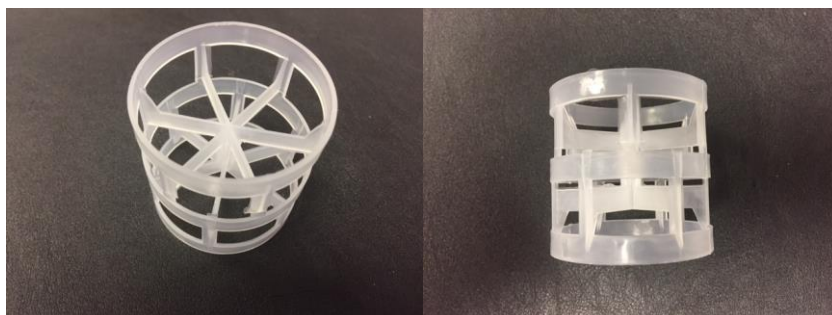


Technical Specification for Plastic Pall Rings

Plastic tower packing is made from heat resistant and chemical corrosion resistant plastics, including polyethylene (PE), polypropylene (PP), reinforced polypropylene (RPP), polyvinyl chloride (PVC), chloridized polyvinyl chloride (CPVC) and polyvinylidene fluoride (PVDF). It has features such as high free volume, low pressure drop, low mass-transfer unit height, high flooding point, uniform gas-liquid contact, small specific gravity, high mass transfer efficiency and so on, and the application temperature in media ranges from 60°C to 150°C. For these reasons it is widely used in the packing towers in petroleum industry, chemical industry, alkali-Chloride industry, coal gas industry and environmental protection, etc...

Physical & chemical properties of plastic tower packing

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 resistance	Good	Good	Good	Good	Good	Good
Compression Strength(Mpa)	>6.0	>6.5	>7.0	>6.0	>8.0	>10.0



Sizes mm	Surface m ² /m ³	Free Vol. %	Number per m ³	Weight kg/ m ³	Sizes mm	Surface m ² /m ³
16*16*1	260	91	230000	141	16*16*1	260
25*25*1.2	210	90	53500	82	25*25*1.2	210
38*38*1.4	140	89	13500	54	38*38*1.4	140
50*50*1.5	100	90	6500	51	50*50*1.5	100
76*76*2.6	73	92	1930	58	76*76*2.6	73