



CERADUR®

湖南醴陵威特分离技术有限公司

HUNAN LILING AWT SEPARATION TECHNOLOGY CO.,LTD

Http://www.awt-septec.com

陶瓷塔内件 Ceramic internals

陶瓷收集器及再分布器 Ceramic collector/re-distributor

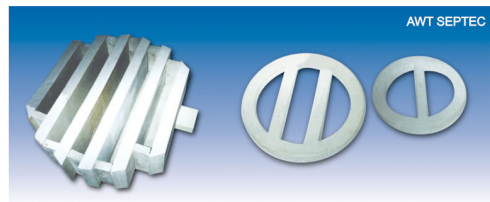


和其它材质的收集器相比，陶瓷收集器配套陶瓷波纹填料在耐高温，及耐腐蚀方面的分离传质领域具有其它材质不可比拟的优势。

In comparison with other collectors which made from other material,ceramic collector has more advantages as follows in applications where the media is strongly corrosive :

- High-temperature resistance
- stable corrosion resistance

陶瓷支撑格栅 Ceramic support beam



陶瓷填料支承安装在填料层的底部，主要有以下几个作用及特点，阻止填料穿过填料支承而掉下来；支撑操作状态下填料床的重量；具有足够的自由面积以使气，液两相自由通过；耐酸碱及强腐蚀。

Ceramic support beam, as a part of complete set of ceramic internals, is installed at the bottom of tower to bear the weight of packing and internals above during operation, allow the liquid and gas phase go through freely with large free area.

陶瓷瓷环填料 Ceramic ring series

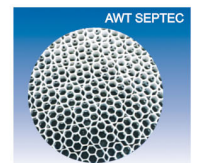


各种陶瓷散堆填料包括拉西环，矩鞍环，异鞍环，阶梯环，十字环，SK连环，共轨环，已广泛应用于冶金，化工，化肥，煤气，制氧，制药行业中洗涤塔，冷却塔，脱硫塔，干燥塔，吸收塔作为填充料。

Random packings include Raschig ring, Pall ring, Intalox saddle, Berl ring, SK connection ring, Cross ring and so on.

品名 Packing name	规格mm Specification	堆积比重kg/m³ Bulk density	比表面积m²/m³ Specific surface area	空隙率% Void fraction	F因子X/U2m-1 F factor	个数 N./piece
拉西环 Raschig Ring	25 × 25 × 3	670	190	72	240	54000
	50 × 50 × 5	510	93	70	172	8000
	80 × 80 × 8	624	90	74	172	1980
	100 × 100 × 10	528	70	78	100	1000
矩鞍环 Intalox Saddle	16	686	378	71	1055	269900
	25	544	200	77	434	58230
	38	502	130	80	252	19680
	50	470	105	79	213	8243
异鞍环 Berl Ring	76	537	76	75	179.4	2400
	25	510	190	78	340	76600
	38	463	131	84	190	24600
	50	454	88.4	81	166	7344
阶梯环 Stair Ring	76	489	58.5	77	127	1976
	25	624	270	74	172	74000
	50	516	108.8	78.7	223	9091
	76	426	63.4	79.5	126	2517
鲍尔环 Paul Ring	25	620	220	73	565	54000
	38	570	150	75	356	18200
	50	550	120	78	252	8000
	80	520	75	80	146	1980

陶瓷轻质规整组合环 Ceramic structured combination ring



7孔安装拼图

用途：广泛用于煤气、净水、环保、冶金、化工、石油化工等行业和领域。是净水、脱硫、洗苯、洗氨、洗苯以及热水饱和塔、硫酸干、吸塔等塔器所需轻负荷最佳填料。

Light strengthening & structured rings. combination structured washing ring is a newly developed and high efficiency random packing,which is made from special material and new formula with reformed design,and has been widely used in sulphuric acid dryer column and decarbonized tower in the chemical. coal gas scrubbing and environmental protection industry field.

规整组合环物理性能指标 Physical performances of structured rings combination

名称 Name	抗压强度 Compression Strength Mpa	抗弯强度 Rupture Strength Mpa	比重 Specific gravity kg/m³	耐酸度 Acid resistance %	耐碱度 Alkali resistance %	热稳定性 Thermostability 300-200℃	耐吸水率 Water absorption %
测试指标 Index	209.8	41	2.1	99.83	91.6	四次未裂 No crackle four time	<0.5