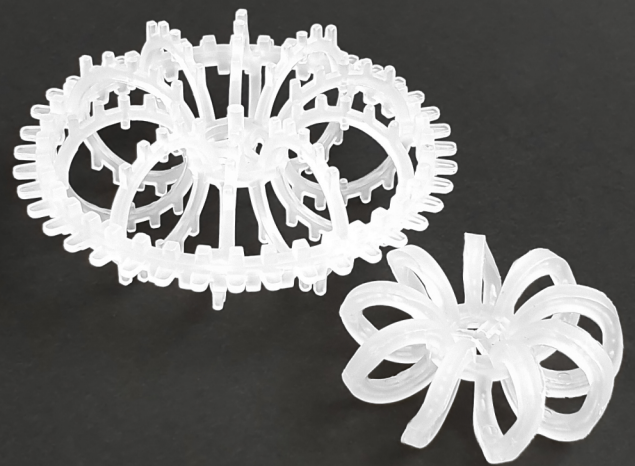


***IMPLAS* SDN BHD**

TELLER ROSETTE RING



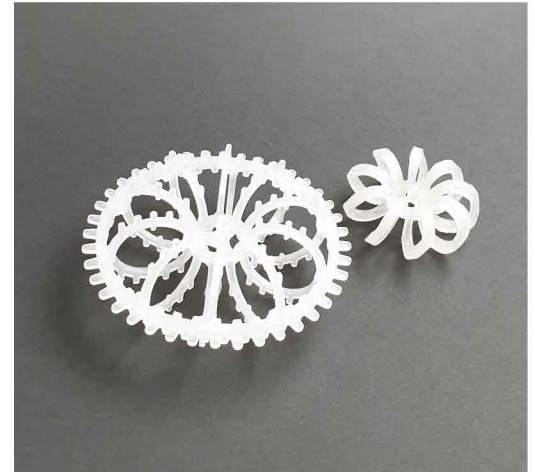
TELLER ROSETTE RING

TELLER ROSETTE RING

Overview

Teller Rosette Ring packing is engineered to provide efficiency in mass transfer, heat transfer and particulate collection. It is suitable for applications in corrosive environments.

Teller Rosette Ring's filament-shaped design, together with the large void space, contributes to lower pressure drop, resulting in reduced energy consumption and consequent cost savings. Large void ratio grants greater flow capacity and minimizes restrictions or blockage. In addition, the many interstitial hold-up points allow continuous regeneration of liquid surface area, facilitating high mass transfer. Excellent liquid distribution can also be obtained due to the numerous branching. Teller Rosette Ring allows efficient pollutant removal where its filamentous helix structure enhances particulate collection.



Common Applications

Absorption, stripping, scrubbing, etc. For use in wet scrubbers, cooling towers, absorption columns, gas strippers, mist eliminators, etc.

Features

- High mass transfer efficiency
- Lower pressure drop
- High flux and low resistance
- Light weight
 - *Easy handling*
- Large surface area
 - *Excellent liquid distribution*
- Good particulate collection
- High structural strength
- Minimum installation time
- Lower mass transfer unit height
 - *Shorter packed beds needed*
- Minimum fouling
 - *Due to high open area design*
- Chemically resistant
- Conserves energy

Performance Data

Model	PM101R	PM202K
Material	Polypropylene (PP) *Virgin Plastic PVC *Virgin Plastic	Polypropylene (PP) *Virgin Plastic PVC *Virgin Plastic
Colours Available	Natural (Translucent white) <input type="checkbox"/>	Natural (Translucent white) <input type="checkbox"/>
Operating Temperature (°C)	(PP) 94 (PVC) 60	(PP) 94 (PVC) 60
Size, O.D. (mm)	46	81
Loop Height (mm)	18	30
Units/m ³	34,000	5,800
Weight (kg/m ³)*	(PP) 111.1 (PVC) 187	(PP) 43.5 (PVC) 84
Free Volume (%)	88	95
Average Packing Factor	36	11
Surface Area (m ² /m ³)	181	92
Other MOC	Yes**	Yes**
Laboratory Report	Yes	Yes

*Weight may vary from batch to batch, depending on moulding conditions, plastic material specifications.

**Subject to discussion.

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