

Hydrothermal synthesis reactor

PTFE Liner



PPL Liner



PTFE Liner (220 °C)

Model	Material	Capacity	Remark
TOPT-HT10	1. Shell made of quality stainless steel.304L 2. Liner materials is special PTFE.	10ml	1. Safe temperature is 220°C. 2. Working pressure ≤3 Mpa (surface pressure).
TOPT-HT25		25ml	
TOPT-HT30		30ml	
TOPT-HT50		50ml	
TOPT-HT100		100ml	3. Tempe heating and cooling speed: ≤ 5°C/min. 4. Break down the refractory material quickly.
TOPT-HT150		150ml	
TOPT-HT200		200ml	
TOPT-HT250		250ml	
TOPT-HT300		300ml	
TOPT-HT400		400ml	
TOPT-HT500		500ml	
TOPT-HT1000		1000ml	
TOPT-HT1500	1500ml		
TOPT-HT2000	2000ml		

PPL Liner (280 °C)

Model	Material	Capacity	Remark
TOPT-HP10	1. Shell made of quality stainless steel.304L 2. Liner materials is special PPL.	10ml	1. Safe temperature is 280°C. 2. Working pressure ≤3 Mpa (surface pressure). 3. Tempe heating and cooling speed: ≤ 5°C/min. 4. Break down the refractory material quickly.
TOPT-HP25		25ml	
TOPT-HP30		30ml	
TOPT-HP50		50ml	
TOPT-HP100		100ml	
TOPT-HP150		150ml	
TOPT-HP200		200ml	
TOPT-HP250		250ml	
TOPT-HP300		300ml	
TOPT-HP400		400ml	
TOPT-HP500		500ml	

Pls note: Shell can be made of SS316L or copper

Customization of copper material hydrothermal synthesis reactor is provided

