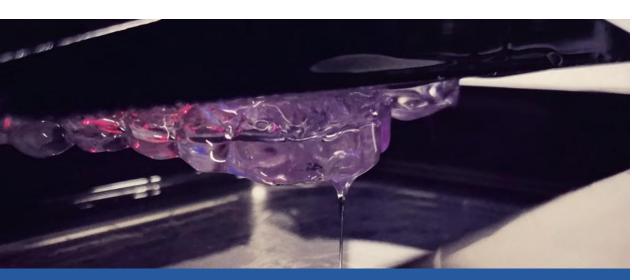
## Hangzhou Sartort Advanced Materials



## DLP RESIN SERIES —— Sartort Advanced Materials

Founded in 2009, the company is one of the first companies to focus on the research and development of new materials for 3D printing, in China. We have strong scientific research team and advanced research and development equipment.

We always insist on independent research and development, focusing on innovative breakthroughs in 3D printing materials. At present, we have reached the industry leading level in the field of 3D printing photosensitive resin, and achieved good reputation and brand image in the industry.

For dental applications, the company has customized and developed a series of 3D printing materials to provide more efficient digital material solutions.

SLA Dental Mold	Brand : ST5100 Color : Pink		
	Character	<ul><li>high temperature resistant</li><li>max edge stability</li><li>high construction precision</li><li>precise detail reproduction</li></ul>	
	Application	Orthodontic tooth mold	

Dental Mold	Brand : ST002-8 Color : Orange /Clay /Caramel /Pink /Grey		
DANTAL SIN RIPLE	Character	<ul> <li>high building speed</li> <li>good surface hardness</li> <li>dimensional stable</li> <li>good construction precision</li> </ul>	
	Application	· Orthodontic tooth mold · Dental implant mould	



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D	: ST0	$\circ$
Krana		1
Diana		J   -U

Color: Blue / Pink / Green

	· high mechanical stability & detail reproduction		
Character	<ul><li>secure and precise fixing of brackets</li><li>high building speed</li></ul>		
Application	orthodontic transfer trays for positioning brackets		

Flexible Gingival	Brand : STS				
DANTAL ITH (#PRIDA)  Sartout	Character	<ul> <li>very elastic and tear-resistant</li> <li>dimensional stability</li> <li>no shrinkage or ageing</li> <li>no bothering or unpleasant odors</li> </ul>			
	Application	Gingiva mold			

Cast Wax	Brand : ST0	
DANTAL #VH NOTHING	Character	<ul> <li>· 3D model casting with distortion-free &amp; precise</li> <li>· residue-free burning out</li> <li>· dimensional stable</li> <li>· good construction precision</li> </ul>
	Application	Wax mould for dental casting

## **Sartort®Dental Property Parameter Table**

Brand		ST5100	ST002-8	ST031	ST031-6	STSoft	STCrown
Viscosity (cps@25°C)		310	550	140	500	500	
<b>Density</b> (g/cm³)		1.096	1.11	1.104	1.115	1.093	
Tensile strength (MPa)	GB/T 1040.1-2006	50-60	35-40	30-40	50-60	3-5	10-15
Elongation at Break	0.1-2006	8-15	8.8-11.6	10-15	10-17	60-75	10-15
Izod Impact (J/m)	GB/T1843-2008	80	70	45-55		N/A	N/A
Tear Strength (KN/m)	GB/T 529-91	N/A	N/A	N/A	N/A	20-30	N/A
Hardness (D)	GB/T2411-2008	83	82	84	79-85	75-85A	N/A
Glass transition (°C)	DMA,tanθ peak	87.7	76.5	75		N/A	N/A
wavelengt	th	355	385-405	385-405	385-405	385-405	385-405



