

Technical Data Sheet (TDS)

iForm 184 Dental Model resin

ERYONE iForm 184 is a dental mold resin has accurate, anti-scratch property. Specially for dental professionals to meet the requirements of high precision, size accuracy, speed; Used for printing removable prosthodontic and orthodontic models with clear edges, low shrinkage performance and high assembly accuracy.

ATTRIBUTES		
Resin model	Dental Model resin for LCD	
Grade	iForm 184	
Color	Yellow	
Density(25℃)	1.07g/cm ³	
Viscosity(25℃)	107cps	
Wavelength	405nm	
MECHANICAL PROPERTIES		
Tensile strength	45MPa	ASTM D638
Elongation at break	15%	ASTM D638
Flexural strength	80MPa	ASTM D790
Impact strength	33J/m	ASTM D256
Heat deflection temperature(0.45MPa)	>80℃	ASTM D648
Hardness	88D	ASTM D2240
PRINTING INFORMATION		
Normal exposure time	1.5s~3s	
Bottom exposure time	12s~25s	
Bottom layer	6	
Layer thickness	0.05mm	

POST-PROCESSING STEP

1. Once the printing is completed, products need to rinse in alcohol and dry normally.
2. Post-curing is required for this resin to reach its high surface hardness and scratch resistance.

Disclaimers

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