

Technical Data Sheet (TDS)

iForm 65A Flexible(TPU-like)Resin

ERYONE iForm 65A resin fit for Medical devices and anatomical models.It is a type of UV-cured 3D printing resin that mimics the properties of rubber. Polishing with TPM is Better. Using TPM,wash your printed parts within 1-2minutes. Use longer wash times if necessary

ATTRIBUTES		
Resin model	iForm 65A Elastic resin for LCD	
Grade	iForm 65A	
Color	Black	
Viscosity(25°C)	780~880cps	
Density(25°C)	1.03~1.08g/cm ³	
Wavelength	405nm	
MECHANICAL PROPERTIES		
Tensile strength	3.6~4.2MPa	ASTM D638
Elongation at break	235~295%	ASTM D638
Tear strength	15~20KN/m	ASTM D624
Hardness	65~75A	ASTM D2240
PRINTING INFORMATION		
Normal exposure time	3s~6s	
Bottom exposure time	20s~30s	
Bottom layer	6	
Layer thickness	0.05mm	

POST-PROCESSING STEP

1. It is recommended to use TPM (three propylene glycol methyl ether) cleaning model, flexible resin belongs to special consumables, use alcohol for cleaning will exist surface adhesion, this situation will disappear after the secondary curing;
2. If the model or the underlying resin cannot be removed from the platform, the platform can be soaked in alcohol for a period of time to more easily clean the platform up.

Disclaimers

Any technical information provided and recommendations made herein are intended to assist customers in determining whether our products are suitable for your applications. We request that you must test our products before use and accepted at your own risk. Neither ERYONE nor its affiliates shall be responsible for the use of this information, or of any product, method or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. We do not guarantee results, freedom from patent infringement, or suitability of resultant products for any suggested application with respect to the use of any formula or material described herein.