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Unit 6, Platt Fold St , WN7 1JH



DATA SHEET



- Always wear Personal Protective Equipment (PPE) when handling liquid resin
- Secure cap and shake vigorously before use
- Always filter resin when returning to container
- Always cure waste resin before disposal
- Do not handle or store Rapid Cure 3D printing resins near direct or indirect sunlight, heat sources, sparks and open flames
- Do not touch the resin with bare hands, always wear appropriate gloves. If skin contact occurs, wash it with soapy water. If you feel unwell, seek immediate medical assistance
- Make sure you don't swallow the resin or printed objects
- Keep away from children and pets
- Keep away from untrained persons
- Keep away from persons sensitive to any of the resin components – please see Safety Data Sheet
- Do not inhale resin fumes. Use only in well ventilated rooms or areas
- Do not pour the resin or used IPA in the draining system

STORAGE

- Store between 5°C-20°C where practical, should not exceed 30°C
- Dark Environment
- Store upright
- Keep Away from Direct Sunlight
- Extended Storage below 5°C will reduce shelf life

Disclaimer: All information on this presentation is based on laboratory testing and is not intended for design purposes. 3DQF makes no representations or warranties of any kind concerning this data.



Rapid Cure

Printing Parameters

LCD Type	RGB UV LCD	MONO UV LCD
Base Layer Exposure Time	50-80 Sec	20-50 Sec
Build Layer Exposure Time	4-8 Sec	1.5-3 Sec

Layer height: 50µm Printing Temperature: 23°C

CLEANING PARAMETERS

- Clean the printed part in IPA, soaking with gentle agitation for 1-5 mins.
- Remove from IPA bath and allow to dry fully prior to the curing stage.
- Please note that repeated use of the same batch of IPA without cleaning will lead to a loss in detail of the printed part.

POST-CURING PARAMETERS

- Cure prints for a minimum of 5 minutes under a dedicated curing UV light, operating at 405nm wavelength. Alternatively a minimum of 2 hours in direct sunlight.
- Temperature-assisted UV curing will increase the rigidity of the print.

Instructions for 3DQF Rapid Cure

- Always shake the resin well before use
- Open the resin bottle and pour the appropriate amount of resin for your printer model
- Make sure to not spill the resin onto the printer, LCD screen or anywhere outside of the resin tank
- If not used for an extended period, please filter the resin and pour the resin into the storage container