

Technical Data Sheet Plexiwire Resin Model

Description

Plexiwire Resin Model is an acrylic-based resin for DLP/LCD/SLA 3D printers with UV range up to 405nm, available in 500g bottle and in 5 colors.

Typical Material Properties

Property	Test Method	Unit	Result
Viscosity	ISO 2884-1:1999	mPa*s	700
Shore D Hardness	ISO 868:2003	-	80
Tensile Strength	ISO 527-2	mPa	20
Elongation	ISO 527-2	%	0,5

Resin Specification

- UV: 365-405nm
- Printing Method: DLP/LCD
- Container: bottle
- Available colors: white, black, grey, blue, red
- Netto weight: 500g

Typical printing settings

- Time: from 3 sec for layer of 0,05mm.
- First layer time: from 40 sec for layer of 0,05mm.
- Curing: from 60 min.