

TECHNICAL DATASHEET PLEXIWIRE RESIN BASIC

Description

Plexiwire Resin Basic is an acrylic-based resin for DLP/LCD/SLA 3D printers with UV range up to 405nm, available in 550g 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	30
Elongation	ISO 527-2	%	9

Resin Specification

UV: 365-405nm

Printing Method: DLP/LCD

Container: bottle

Available colors: white, transparent orange, transparent red, transparent green, transparent blue.

Netto filament weight: 550g

Typical printing settings

Time: from 8 sec for layer of 0,05mm.

First layer time: from 40 sec for layer of 0,05mm

Curing: from 60 min.