

# INVICTA DIGITAL SKETCH

## Technical Data Sheet

TDS EN\_INVICTA DIGITAL SKETCH\_1 | 2022



### TEST YOUR EXECUTIVE DESIGN

Invicta Digital Sketch is the material for challenging the executive drawing, and produce the first sketch.

It is the answer to a market need for an inexpensive and fast way to test the executive drawing of the model, before launching its production.

Invicta Digital Sketch is a rigid material and comes in a dark gray coloration.

### INVICTA SERIES

The Invicta series includes all the functional materials suitable for prototyping and manufacturing. These materials are extremely accurate and precise and were developed to be used on DWS 3D printers.

### TECHNICAL FEATURES OF THE LIQUID MATERIAL

Appearance / Color	Liquid / Grey
Viscosity	1700 mPa•s at 25°C
Density	1,10 g/cm <sup>3</sup>

### TECHNICAL CHARACTERISTICS OF RESIN AFTER UV CURING

Tensile Strength (MPa)	50
Tensile Modulus (MPa)	2100
Elongation (%)	4
Flexural Strength (MPa)	105
Flexural Modulus (MPa)	2300
Shore Hardness (Shore D)	87
Application / Use	Rapid prototyping

### MATERIAL AND SUITABLE 3D PRINTERS

Invicta Digital Sketch has been developed for the following 3D printers:

- 029XC with RT515 resin tank
- XPRO Q with RT300 and RT315 resin tanks
- XPRO S with RT300 and RT315 resin tanks
- XPRO SL with RT300 and RT315 resin tanks

### FEATURES

- High printing speed
- Dark Grey color

### PACKAGING

Available in 1kg and 5kg packages.

Technical specifications are subject to change without notice.

### DWS srl

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