

MATERIAL

Invicta Digital Sketch

Concept design. Rapid aesthetic prints.

Formulated and manufactured by DWS



Invicta Series

Invicta serie includes all those rigid and tough materials that must respond to high performance in both aesthetic and mechanical terms.

PRODUCT DESCRIPTION

Invicta Digital Sketch is a material developed for the production of aesthetic prototypes and concept designs featuring ultra-smooth surfaces. It has been specifically formulated to ensure high performance in terms of printing speed. It is also used for the production of master models, particularly in the footwear industry and industrial manufacturing in general, including the creation of molds for PU casting.



Smooth
surfaces



Good surface
quality



Printing
speed



Cutting
lead time



TPO free version: **Invicta Digital Sketch-L**

Industry

Footwear

Fashion

General
Manufacturing

Available colors

Name

Invicta Digital Sketch Grey

Technical specs of the liquid material

Viscosity	1700 mPa • s a 25°C
Density	1,10 g/cm ³
Environmental values for use	22°C - 27°C - max, RH 40% - 60%

Technical data after UV curing

Invicta Digital Sketch	Technical Data
Elongation (%)	4
Shore Hardness (Shore D)	87
Flexural Strength (MPa)	105
Flexural Modulus (MPa)	2300
Tensile Strength (MPa)	50
Tensile Modulus (MPa)	2100

Technical specifications are subject to change without notice. TDS_EN_Invicta-Digital-Sketch / Rev.01 / 02-2026