

Visijet® PXL Material

With Visijet PXL composite for the Projet CJP x60 printer series, choose from a range of finishing options to meet your needs, from ColorBond infiltration for stronger functional prototypes to wax for creating concept models quickly, safely and affordably.



Photo courtesy of WhiteClouds



MATERIAL	Condition	Visijet PXL	Visijet PXL	Visijet PXL	Visijet PXL
Infiltrant		ColorBond™	StrengthMax™	Salt Water Cure™	Wax
Composition		Visijet PXL + One-part, fast acting adhesive infiltrant	Visijet PXL + Two-part, high strength epoxy infiltrant	Visijet PXL + Eco-friendly and safe salt and water infiltrant	Visijet PXL + Eco-friendly and safe wax infiltrant
Tensile Strength*	ASTM D638	14.2 MPa	26.4 MPa	2.38 MPa	9.2 MPa
Elongation at Break*	ASTM D638	0.23 %	0.21 %	0.04 %	0.09 %
Flexural Strength*	ASTM D790	31.1 MPa	44.1 MPa	13.1 MPa	11.7 MPa
Flexural Modulus*	ASTM D790	7163 MPa	10680 MPa	6355 MPa	4833 MPa
Modulus of Elasticity*	ASTM D638	9450 MPa	12560 MPa	12855 MPa	22570 MPa
Description		Quick-cure infiltrant, ideal for color models to improve strength and color vibrancy. The most popular solution.	Two-part epoxy infiltrant, ideal for functional models to dramatically improve the strength.	For monochrome models only. Provides sufficient strength for safe handling and is very economical.	Ideal for fast, affordable, color models. Sufficient strength and smooth surface finish.

* Requires 24 hrs of drying time @ 100 °F (37.8 °C)

DISCLAIMER: It is the responsibility of each customer to determine that its use of any Visijet® and infiltrant materials is safe, lawful and technically suitable to the customer's intended applications. The values presented here are for reference only and may vary. Customers should conduct their own testing to ensure suitability for their intended application.

www.3dsystems.com

USA
Tel: +1 803.326.3900

**Germany, Scandinavia,
Eastern Europe, Middle East**
Tel: +49 6151 357 0

UK
Tel: +44 1442 282 600

Asia-Pacific
Melbourne Tel: +61 3 9819 4422
Sydney Tel: +61 2 9516 5571

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