VisiJet® Material for ProJet® x60 Series

The VisiJet® line of materials offers numerous capabilities to meet a variety of commercial applications. Using the ColorJet Printing (CJP) technology, 3D Systems' ProJet® x60 3D Printers use the VisiJet® PXL™ material set to build strong, high-definition, full color concept models, assemblies and prototypes, for design realization, advanced communication, as well as development and production cost reduction. Printed models benefit transportation, energy, consumer products, recreation, healthcare, education and other vertical markets. Parts can be sanded, drilled, tapped, painted and electroplated, which further expands the options available for finished part characteristics. Additionally, models have high-temperature resistance, ideal for digital manufacturing and molding applications.

INFILTRATED PARTS PROPERTIES

Infiltrant	ColorBond™	StrengthMax™	Salt Water Cure™
Composition	VisiJet® PXL™	VisiJet® PXL™	VisiJet® PXL™
Tensile Strength, MPa	14.2	26.4	2.38
Elongation at Break, %	0.23	0.21	0.04
Modulus of Elasticity, MPa	9,450	12,560	12,855
Flexural Strength, MPa	31.1	44.1	13.1
Flexural Modulus, MPa	7,163	10,680	6,355
Description	Instant-cure infiltrant ideal for color models to improve strength and color vibrancy and retention.	Two-part infiltrant ideal for functional models to dramatically improve the strength of the model.	Eco-friendly and hazard-free infiltrant. Ideal for monochrome models and draft-color. Provides additional surface hardness and modulus upon dipping, or spraying.