VisiJet® PXL

Unspecified

3D Systems

Описание материалов:

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.
Our premium composite for the ProJet x60 product line, VisiJet PXL delivers the best of everything:
Toughest parts
Best resolution
Whitest whites
Excellent color accuracy
Low cost per printed part

Главная Информация	
Характеристики	Хорошая стабильность цвета Хорошая поверхность Хорошая прочность Высокая термостойкость Болезненный
Используется	Инженерные детали Моделирующий материал Прототипирование
Внешний вид	Черный Синий Прозрачный/прозрачный Красный Желтый
Формы	Жидкость
Метод обработки	3D печать, стереолитография

Механические	Номинальное значение	Единица измерения
Модуль растяжения		
-- [1]	9450	MPa
-- [2]	12600	MPa
-- [3]	12900	MPa

Прочность на растяжение		
-- [4]	14.2	MPa
-- [5]	26.4	MPa
-- [6]	2.38	MPa
Удлинение при растяжении		
Break [7]	0.23	%
Break [8]	0.21	%
Break [9]	0.040	%
Флекторный модуль		
-- [10]	7160	MPa
-- [11]	10700	MPa
-- [12]	6360	MPa
Flexural Strength		
-- [13]	31.1	MPa
-- [14]	44.1	MPa
-- [15]	13.1	MPa

NOTE

1.	Using ColorBond™ Infiltrant: Instant-cure infiltrant ideal for color models to improve strength and color vibrancy and retention.
2.	Using StrengthMax™ Infiltrant: Two-part infiltrant ideal for functional models to dramatically improve the strength of the model.
3.	Using Salt Water Cure™ Infiltrant: Eco-friendly and hazard-free infiltrant. Ideal for monochrome models and draft- color. Provides additional surface hardness and modulus upon dipping, or spraying.
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Свяжитесь с нами

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