



3DM-ABS

Photopolymer resin for prototyping

The 3DM-ABS material provides a very low shrinkage compare to other resin brand by combining good temperature resistance with high toughness.

This material offers also durability and dimensional stability to your models.

The 3DM-ABS resin is the best compromise to print models high definition and fast curing.

For companies that want to print prototypes quickly with good accuracy, the 3DM-ABS resin is an excellent choice.

Suitable for :

Prototyping
Electronics
Architectire & Art
Mechanical
Automotive
Toys

Your benefits :

Low shrinkage
Temperature resistant
Toughness
Durability
Dimensional stability
Accuracy
Very low viscosity resin
High speed

MECHANICAL PROPERTIES

Tensile Modulus	ISO 527-2/93	1900-2200 MPa
Tensile Strength	ISO 527-2/93	40-50 MPa
Elongation @ Break	ISO 527-2/93	4-6%
Flexural Modulus	ISO 178/01	2600-3000 MPa
Flexural Strength	ISO 178/01	90-110 MPa
Glass Transition Temperature	ISO 6721-7/96	50-60°C
HDT @ 0.45 MPa	ISO75-2/04	65-75°C
IZOD Notched	ASTM D256	15-20 J/m
Hardness (Shore D)	ISO 868	84-86

RESIN PROPERTIES

Aspect		very low viscosity resin
Viscosity	@ 25°C	30-40 mPa.s
Density	@ 25°C	1,12 g/cm3