



3DM-FLEX 2.0

Photopolymer resin for flexible parts

Our new resin 3DM-FLEX 2.0 is a new formulation of flexible resin which has better mechanical properties and new appearance. This new resin provide better flexibility without breaking compare to the previous version.

This material reproduces the flexibility of rubber materials or TPU materials.

It is a rigid and elastic material with an hardness between 80A to 90A.

Combining flexibility and strength, the 3DM-FLEX 2.0 material can withstand cyclical stresses of bending and compression.

This new version his suitable for a wide range of applications which require stretch and elasticity characteristics.

His flexible properties makes the 3DM-FLEX 2.0 material ideal for use in animation, toys, architecture, art, education and in a lot of other fields.

Suitable for :

Animations & Toys

Architecture & Art

Grips

Seals & gaskets

SLA, DLP and LCD systems

Your benefits :

High flexibility

Elasticity & Stretch properties

Tear & compression resistance

TPU like material

MECHANICAL & RESIN PROPERTIES

Aspect		black
Viscosity	@ 25°C	250-300 MPa.s
Density	@ 25°C	1.18 g/cm3
Tensile strength	ISO 527-2/93	70-80 MPa
Elongation @ Break	ISO 527-2/93	50-60%
Tear strength	ASTM D624-00	35-45 kN/m
Hardness (shore A)	ISO 868	80-90
