



3DM-ELASTO

Photopolymer resin for elastomeric parts

The 3DM-ELASTO resin is a rubber-like material which behaves similar to elastomeric materials. This high performance material offers an excellent tear strength with a high flexibility and compression characteristics suitable for a wide range of applications which require to withstand repeated stresses without tearing.

His elastomeric properties makes the 3DM-ELASTO material ideal for the production of parts usually made by silicone and be used for several applications such seals, shock absorbers and pipe spacers. Based on specifics raw materials, this material can also be used to print shoe soles, footwear, handles, splints and braces.

To meet every need, we provide the 3DM-ELASTO resin with a Shore of 60A to 80A.

Suitable for :

Seals & gaskets

Shock absorbers

Pipe spacers

Handles, splints & braces

Shoe soles & Footwear

Elastomeric & silicone parts

Your benefits :

Elasticity & flexibility

Stretch properties & high elongation

Tear & compression resistance

Rubber like material

MECHANICAL & RESIN PROPERTIES

Aspect		black
Viscosity	@ 25°C	250-350 MPa.s
Density	@ 25°C	1.18 g/cm ³
Tensile strength	ISO 527-2/93	6-8 MPa
Elongation @ Break	ISO 527-2/93	50-80%
Tear strength	ASTM D624-00	12-14 kN/m
Hardness (shore A)	ISO 868	60-80
