

FLEXA GM10B

Technical Data Sheet

TDS_EN_FLEXA GM10B_rev. 00_032021



THE NEW ELASTOMER

The new Flexa GM10B material is a highly advanced elastomer that stands out for its high flexibility and elasticity combined with good impact absorption.

It is an ideal material for rapid production in the footwear, fashion accessories, sports equipment and other products that require elastomeric properties.

THE FLEXA SERIES

The Flexa series includes all the materials suitable for the production of flexible prototypes and models.

These materials are extremely accurate and precise and were developed in-house by DWS.

TECHNICAL FEATURES OF THE LIQUID MATERIAL

Environmental Values for Use	22°C - 27°C - max, RH 40% - 60%
Appearance / Colour	Liquid / Black
Viscosity	7500 MPa•s at 25°C
Density	1,1 g/cm ³

TECHNICAL CHARACTERISTICS OF THE RESIN AFTER UV CURING

Tensile Strength (MPa)	2
Tensile Modulus (MPa)	2
Elongation at Break (%)	180
Surface Hardness (Shore)	50A
Application / Use	Flexible, rubber-like models

HINTS FOR THE DESIGN

Flexa GM10B was developed exclusively for DWS 3D printers to produce rubber-like parts.

Flexa GM10B in combination with the XPRO range 3D printers enables the manufacturing of large quantities of models, ideal to increase the productivity of medium to large sized companies.

FEATURES

- High flexibility and elasticity
- High accuracy and resolution
- Advanced elongation
- Good impact absorption
- Tactile and soft feeling
- Black color

Technical specification subject to change without notice.

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