



Vero - family

Vero materials are high-resolution plastic resins that are suitable for presenting design templates in a way that approximates series production

PRINTING PROCESS

PolyJet 3D printing

DESCRIPTION

Vero is suitable for the production of rigid, stable, high-precision components. The material properties range from transparent to opaque, and from neutral to vibrant colour. The Vero family of materials offers a full range of colours (360,000), and is particularly suitable for realistic models.

APPLICATION

The components are particularly suitable for initial samples as well as multi-coloured design models with photo-realistic visual effects and true-to-life details.

TECHNICAL DATA

Description	Vero - family
Tensile strength [MPa]	50 - 65 ASTM D - 638 - 03
Elongation at break [%]	10 - 25 ASTM D - 638 - 05
Elastic modulus [MPa]	2000 - 3000 ASTM D - 638 - 04
Bending strength [MPa]	60 - 110 ASTM D - 790 - 03
Flexural modulus [MPa]	1900 - 3200 ASTM D - 790 - 04
Notched bar impact strength [J/cm]	20 - 30 ASTM D - 256 - 06
Water Absorption [%]	1.1 - 2.2 ASTM D - 570 - 98 24h
Hardness [Shore A]	83 - 86 ASTM Scale D
Polymerized density [g/cm ³]	1.17 - 1.19 ASTM D - 792

Under no circumstances can the published information about the material data be considered as express warranty or otherwise. The application of these information and references as well as the decision on the suitability of any product for special applications is in all cases subject to the sole responsibility of the user.

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