



Agilus 30

A flexible PolyJet material suitable for rubber-like components

PRINTING PROCESS

PolyJet 3D printing

DESCRIPTION

Agilus 30 is a PolyJet photopolymer that is outstandingly tear-resistant and can withstand repeated bending and twisting. It is suitable for the production of long-lived, highly flexible, high-precision pieces. Agilus 30 simulates the appearance, feel and function of rubber, and has a Shore A value of 30 in clear or black. It is ideally suited for design validation.

APPLICATION

The components are particularly suitable for rubber-like products and medical models.

TECHNICAL DATA

Description	Agilus 30
Tensile strength [MPa]	2.4 - 3.1
Elongation at break [%]	220 - 270
Elastic modulus [MPa]	
Bending strength [MPa]	
Flexural modulus [MPa]	
Notched bar impact strength [J/cm]	
Water Absorption [%]	
Hardness [Shore A]	30 - 35
Polymerized density [g/cm ³]	1.14 - 1.15

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