



# Agilus30

POLYJET RUBBER-LIKE MATERIAL

## Utilizing PolyJet Technology

PolyJet technology creates precise prototypes that set the standard for finished product realism. Their fine resolution makes complex shapes, intricate details, and smooth surfaces possible.

PolyJet 3D Printing works by jetting layers of liquid photopolymer onto a build tray and instantly curing them with UV light. The fine layers build up to create a precise 3D model or prototype. Models are ready to handle right out of the 3D printer, with no post-curing needed.

Agilus30 is a superior rubber-like PolyJet photopolymer family ideal for advanced design verification and rapid prototyping. Get more durable, tear-resistant prototypes that can stand up to repeated flexing and bending.

AGILUS30			
MECHANICAL PROPERTIES	TEST METHOD	ENGLISH	METRIC
Tensile Strength	ASTM D-412	348-450 psi	2.4-3.1 MPa
Elongation at break	ASTM D-412	220-270%	220-270%
Compressive set	ASTM D-395	6-7%	6-7%
Tensile Tear Resistance	ASTM D-624	28-29 lb/in	5-7 Kg/cm
OTHER	TEST METHOD	ENGLISH	METRIC
Shore Hardness	ASTM D-2240	30-35 Scale A	30-35 Scale A
Polymerized Density	ASTM D-792	—	1.14-1.15 g/cm <sup>3</sup>



**ProtoCAM**

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