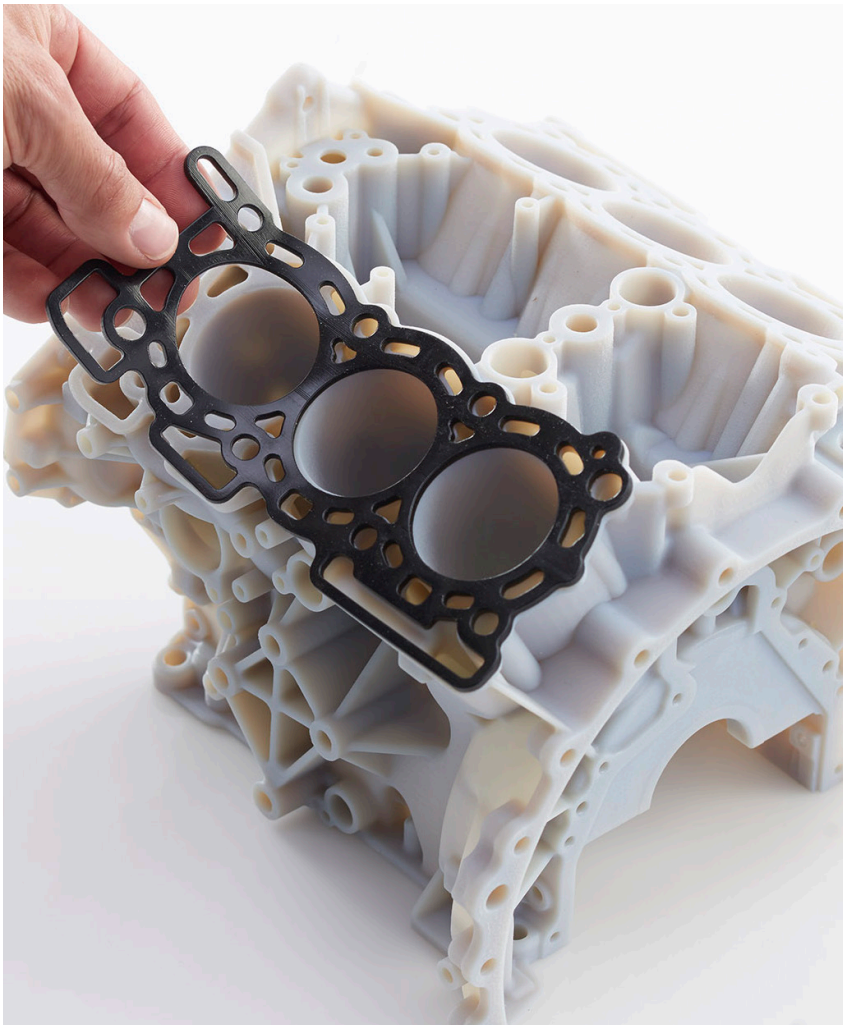
Agilus30

POLYJET RUBBER-LIKE MATERIAL

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. With a Shore A value of 30 in clear or black, Agilus30 accurately simulates the look, feel and function of Rubber-like products. 3D print rubber surrounds, overmolds, soft-touch coatings, living hinges, jigs and fixtures, wearables, grips and seals with improved surface texture.



At the core: PolyJet™ Technology

Objet® 3D Printers are based on proven PolyJet technology, which 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.

LEARN MORE AT STRATASYS.COM

Agilus30

POLYJET RUBBER-LIKE MATERIAL

Keep valuable resources in-house

You'll be amazed when you see how easy it is to produce realistic models in-house. Objet 3D Printers offer not only unparalleled speed, they make it easy for you to print with the widest range of material properties.

No special facilities needed

You can install Objet 3D Printers just about anywhere. No special venting is required because Objet 3D Printers don't produce noxious fumes, chemicals or waste.

Good ideas sell easier

Objet 3D Printers improve communication and collaboration because they produce amazingly accurate representations of your ideas that you can share with your team and your clients for a faster, more confident buy-in.

MECHANICAL PROPERTIES	TEST METHOD	IMPERIAL	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	28-39 lb/in	5-7 Kg/cm

OTHER	TEST METHOD	IMPERIAL	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^3

SYSTEM AVAILABILITY	LAYER THICKNESS CAPABILITY	SUPPORT STRUCTURE	AVAILABLE COLOR
Objet260/350/500 Connex1/2/3™	High Quality mode: 16 microns (0.0006 in.) High Speed mode: 30 microns (0.0012 in.)	SUP705 (WaterJet removable) SUP706 (soluble + WaterJet removable)	Black Translucent

stratasys

STRATASYS.COM
ISO 9001:2008 Certified

HEADQUARTERS

7665 Commerce Way,
Eden Prairie, MN 55344
+1 800 801 6491 (US Toll Free)
+1 952 937 3000 (Intl)
+1 952 937 0070 (Fax)

2 Holtzman St., Science Park,
PO Box 2496
Rehovot 76124, Israel
+972 74 745 4000
+972 74 745 5000 (Fax)

©2017 Stratasys Ltd. All rights reserved. Stratasys, Stratasys signet, Agilus30, Objet260 Connex3, Objet350 Connex3, Objet500 Connex3 and PolyJet are trademarks or registered trademarks of Stratasys Ltd. and/or its subsidiaries or affiliates and may be registered in certain jurisdictions. All other trademarks belong to their respective owners. Product specifications subject to change without notice. Printed in the USA. MSS_PJ_Agilus30_0117b