

# Agilus30



## PolyJet Rubberlike Material

Agilus30™ is a superior rubberlike 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, black and white, 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.

Mechanical Properties	Test Method	Value	
		Black / Translucent	White
Tensile Strength	ASTM D-412	2.4 – 3.1 MPa (348 – 450 psi)	2.1-2.6 MPa (305 – 377 psi)
Elongation at Break	ASTM D-412	220 – 270%	185 – 230%
Compressive Set	ASTM D-395	6 – 7%	6 – 7%
Tensile Tear Resistance	ASTM D-624	4 – 7 Kg/cm (22 – 39 lb/in)	4 – 7 Kg/cm (22 – 39 lb/in)

Other	Test Method	Value	
		Black / Translucent	White
Shore Hardness	ASTM D-2240	30 – 35 Scale A	30 – 40 Scale A
Polymerized Density	ASTM D-792	1.14 – 1.15 g/cm <sup>3</sup>	1.14 – 1.15 g/cm <sup>3</sup>

System Availability	Layer Thickness Capability	Support Structure	Available Color
<a href="#">Objet260/350/500</a> <a href="#">Connex1/2/3™</a>	High Speed mode: 30 microns (0.0012 in.)	SUP705 (WaterJet removable) SUP706B (soluble + WaterJet removable)	<input type="checkbox"/> Translucent
<a href="#">Stratasys J735™/</a> <a href="#">Stratasys J750™</a>	High Speed mode: 27 microns (0.0011 in.)	SUP705 (WaterJet removable) SUP706B (soluble + WaterJet removable)	<input checked="" type="checkbox"/> Black <input type="checkbox"/> Translucent <input type="checkbox"/> White
J4100™	High Speed mode: 27 microns (0.001 in.)	SUP705 (WaterJet removable)	<input checked="" type="checkbox"/> Black <input type="checkbox"/> Translucent
J826™ Prime / J835™ Prime / J850™ Prime / J850 Pro	High Quality mode: 14 microns (0.00055 in.) High Mix mode: 27 microns (0.001 in.) High Speed mode: 27 microns (0.0011 in.) Super High Speed mode <sup>1</sup> : 55 microns (0.002 in.)	SUP705 (WaterJet removable) SUP706B (soluble + WaterJet removable)	<input checked="" type="checkbox"/> Black <input type="checkbox"/> Translucent <input type="checkbox"/> White

1 - Not available on the J826 Prime.

### Stratasys 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)

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

[stratasys.com](http://stratasys.com)

ISO 9001:2015 Certified

© 2021 Stratasys Ltd. All rights reserved. Stratasys, Stratasys signet, Agilus30, SUP705, SUP706B, Objet260 Connex3, Objet350 Connex3, Objet500 Connex3, Stratasys J735, Stratasys J750, J826, J835, J850, J4100 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. MSS\_PJ\_Agilus30\_0121b

