

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 ³	1.14 – 1.15 g/cm ³

System Availability	Layer Thickness Capability	Support Structure	Available Color
Objet260/350/500 Connex1/2/3™	High Speed mode: 30 microns (0.0012 in.)	SUP705 (WaterJet removable) SUP706B (soluble + WaterJet removable)	<input type="checkbox"/> Translucent
Stratasys J735™/ Stratasys J750™	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 ¹ : 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.



IME TRADING SDN BHD 198701004483
A member of IME Group of Companies

Selangor : 30A, Jln PJS 1/46, Tmn Petaling Utama, 46000 Petaling Jaya, Selangor, Malaysia.
Penang : 68, Jln Perai Jaya 4, Bandar Perai Jaya, 13700 Pulau Pinang, Malaysia.
Johor : 25-01, Jln Bestari 8/2, Tmn Nusa Bestari, 79150 Iskandar Puteri, Johor, Malaysia.
Kuching : Private Office Suite No. 1, TEGAS Digital Village, Lot 3500, Sama Jaya High Tech Park,
Block 12, Muara Tebas Land District, 93350 Kuching, Sarawak.

+603-7783 6866
+604-399 5571
+607-238 7978
+6019-354 5747

3dprint.cadcam.com.my | info.3dp@cadcam.com.my

